



IN STAND

IN STAND e.V.
Society for Promoting
Quality Assurance
in Medical Laboratories



EQAS PROGRAM

2023

INSTAND e.V.
Gesellschaft zur Förderung
der Qualitätssicherung
in medizinischen Laboratorien e. V.

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WELCOME TO INSTAND

Dear Colleagues,

INSTAND, the Society for promoting Quality Assurance in Medical Laboratories e.V., has been conducting External Quality Assessment Schemes in all areas of in-vitro diagnostics since 1970.

As an External Quality Assessment organization, we are accredited according to DIN EN ISO/IEC 17043. We offer more than 350 interlaboratory tests for external quality control in laboratory diagnostics, in accordance with the current version of the guidelines of the German Medical Association (Rili-BÄK).

For this purpose, we ship roughly 175,000 sample sets annually to the approximate 12,000 laboratories participating in our External Quality Assessment Schemes in over 80 countries.

We have further optimized our INSTAND EQAS program. What is new in this program for 2023?

- We have expanded our EQAS program also this year. In 2022, we conducted the following pilot EQA scheme: EQAS 418 Virus Genome Detection - Monkeypox Virus. This EQA scheme is not yet included in the 2023 catalog. Depending on the epidemiological development, this EQA scheme will be regularly included in the program in 2023.
- Starting in 2023, the mailing of the duplicate sample set for all virology EQA schemes will be eliminated. Many participants considered a single sample set sufficient to perform external quality control.
- For logistical reasons, all EQA schemes will be sent out on Tuesdays from January 2023 onwards, with a few exceptions. The submission deadlines remain unchanged.
- You can find the current EQA program in our RV-Online system (<https://rv-online.instandev.de>) and on our website, www.instand-ev.de.

We look forward to continuing our productive collaboration with you!

 Your INSTAND Team

SAVE
THE
DATE



Gemeinsames Jahressymposium
23. – 25. März 2023
Kap Europa. Messe Frankfurt.



IGLD | Interdisziplinäre Gruppe
für Labor
und Durchflusszytometrie



INSTAND



GermanStemCellNetwork



Weitere Informationen und Anmeldeformular ab Herbst 2022 auf www.igld.de

INSTAND e.V.'s mission and vision

We promote quality in medical laboratories by offering a wide range of external quality control and continuous education.

Our vision is to improve the reliability of measurement results in medical laboratories worldwide.

In the Federal Republic of Germany, INSTAND e.V. is appointed by the German Medical Association as a reference institution for external quality assurance.

Accreditation

INSTAND e.V.'s versatile EQA program is accredited in all represented disciplines of laboratory diagnostics by the German Accreditation Body (DAkkS) according to DIN EN ISO/IEC 17043:2010.

Terms and conditions, FAQ

Our "General Terms and Conditions for Participation in INSTAND e.V. EQA Schemes" shall apply to all participants of the INSTAND e.V. EQA schemes.

These terms and conditions can be found at:
<https://instand-ev.de/instand-agb>

We would also be happy to send them to you upon request.

We have compiled answers to frequently asked questions in our FAQ:

<https://instand-ev.de/faq>

Information about the RV-Online Portal

A user account for our RV-Online system is required to participate in INSTAND e.V. EQA schemes:

<https://rv-online.instandev.de>

After signing into RV-Online, you will be able to manage your master data and orders, as well as enter your EQAS results, view reports and retrieve your certificates. On our new YouTube channel you will soon find in-depth videos that explain the various features of RV-Online in English and German.

Scope of services

An EQA scheme includes the sample material, which is used to determine the measurement values by the participant, as well as an evaluation by INSTAND e.V. of the submitted EQAS results.

After evaluating the EQAS, participants who have submitted their results on time will receive an individual report, a general overview where applicable, a certificate of participation, and a certificate if they have passed.

In the event the EQAS is not passed, residual samples may be available after completion of the respective EQAS for a fee so you can check your test systems.

EQA schemes required/not required by Rili-BÄK

The EQA schemes in orange in the table of contents contain analytes that require participation in accordance with the guideline of the German Medical Association on Quality Assurance in Medical Laboratory Examinations <https://bundesaeztekammer.de/>.

This orange labeling of the analytes required by Rili-BÄK is also found in the descriptions of the EQA schemes.

Validity of certificates

Certificates are dated with the closing date of the EQA scheme.

Certificates for parameters which must undergo an EQAS are valid for twice as long as the mandatory EQAS interval. Certificates for parameters which are not subject to an EQAS in accordance with Rili-BÄK are usually valid for 12 months.

Registration / cancellation deadlines

Orders can be changed or cancelled up until the respective registration/cancellation deadline. After the registration/cancellation deadline, it is no longer possible to change the order.

Shipment date

On the day of shipment, the packages will be picked up by the shipping service provider of our choice.

Before every delivery, our shipping service provider will send a tracking number by e-mail. This e-mail is always sent to the main user registered with RV-Online.

If you do not receive the samples by the day after the shipment date, please contact our customer service immediately.

Submission deadlines

EQAS results must be entered by midnight CET on the closing date. After the closing date, it is no longer possible to correct or change the values.

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Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

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AP	Acid phosphatase	Albumin
Albumin (electrophoresis)	Aldolase	Bilirubin
Bilirubin conj.	CHE	CK
Calcium	Chloride	Cholesterol
Copper	Creatinine	GGT
GLDH	GOT (ASAT)	GPT (ALAT)
Glucose	HBDH	IgA
IgG	IgM	Iron
Iron binding capacity	LDH	Lactate
Lipase	Lithium	Magnesium
Osmolality	Pancreas amylase	Phosphate
Potassium	Prostatic acid Phosphatase	Protein
Sodium	Transferrine	Triglycerides
Urea	Uric Acid	alpha-Amylase
gamma-Globulins		

participation according to Rili-BÄK:
quarterly

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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Depending on the EQA scheme, further specific information may be available: i.e. infectious materials, suitable measuring devices, etc.

EQA schemes containing infectious material according to UN3373, biological substances category B, will be marked with the following symbol: ⚠

1. Name of the EQA scheme
2. EQAS expert/deputy
3. EQAS group number
4. Information on the shipped sample material as well as how long the certificate is valid for.
Orange: for parameters required by Rili-BÄK, black: for parameters not required by Rili-BÄK.
5. Parameters analyzed in the EQAS; parameters in orange required by Rili-BÄK.
6. List of the relevant dates, subdivided into EQAS dates (1 - 6). The month of the EQAS is always in reference to the closing date. The number of available EQAS dates may vary.
7. Information about the frequency stipulated by Rili-BÄK.

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List of Rili BÄK parameters offered by INSTAND subject to specific parts of B 1, B 2, B 3 and B 5

B 1a	Analytes in Plasma / Serum / Whole blood	Frequency	Group no.
	Activated partial thromboplastin time (aPTT)	Quarterly	221, 285, 286
	Alanine aminotransferase (ALT or GPT) EC 2.6.1.2	Quarterly	100, 120, 810
	Albumin	Quarterly	100, 141, 810
	Alkaline phosphatase (AP) EC 3.1.3.1	Quarterly	100, 120, 810
	Alpha fetoprotein (AFP)	Quarterly	292, 306
	Aspartate aminotransferase (AST or GOT) EC 2.6.1.1	Quarterly	100, 120, 810
	Bilirubin (total)	Quarterly	100, 110, 120, 810
	CA 15-3	Quarterly	292
	Calcium (total)	Quarterly	100, 810
	Calcium (ionised)	Quarterly	161, 163
	Carbamazepine	Quarterly	195
	Carcino embryonic antigen (CEA)	Quarterly	292
	Chloride	Quarterly	100, 161, 163, 810
	Cholesterol (total)	Quarterly	100, 120, 151, 810
	Cortisol	Quarterly	302
	Creatine kinase (CK) EC 2.7.3.2	Quarterly	100, 120, 810
	C-reactive protein (CRP)	Quarterly	241, 322
	Digitoxin	Quarterly	197
	Erythrocytes	Quarterly	211, 612
	Estradiol, 17-beta	Quarterly	302
	Ethanol clinical toxicology	Quarterly	700
	Ferritin	Quarterly	241
	FSH	Quarterly	297
	Gamma glutamyl transferase (?-GT) EC 2.3.2.2	Quarterly	100, 120, 810
	Glucose	Quarterly	100, 111, 120, 161, 800, 810
	Haematocrit	Quarterly	209, 211, 612
	Haemoglobin	Quarterly	162, 163, 209, 211, 612
	Haemoglobin A 1c (HbA1c)	Quarterly	145
	Uric acid	Quarterly	100, 120, 810
	Urea	Quarterly	100, 120, 161, 163, 810
	Human chorionic gonadotropin (hCG)	Quarterly	292, 306
	Immunoglobulin IgA	Quarterly	100, 241
	Immunoglobulin IgG	Quarterly	100, 241
	Immunoglobulin IgM	Quarterly	100, 241
	Potassium	Quarterly	100, 120, 161, 163, 810
	Creatinine	Quarterly	100, 120, 161, 810
	Lactate	Quarterly	100, 161, 163, 810
	Lactate dehydrogenase (LDH) EC 1.1.1.27	Quarterly	100, 810
	Leucocytes	Quarterly	209, 211, 612
	Lithium	Quarterly	100, 161, 195
	Magnesium	Quarterly	100, 161, 810
	Sodium	Quarterly	100, 161, 163, 810
	pCO ₂	Quarterly	161, 163
	pH	Quarterly	161, 163
	Phenobarbital	Quarterly	195
	Phenytoin	Quarterly	195
	Phosphate (inorganic)	Quarterly	100, 810
	pO ₂	Quarterly	161, 163
	Progesterone	Quarterly	302
	Prostate-specific antigen (PSA)	Quarterly	292, 293
	Protein (total)	Quarterly	100, 141, 810

>>

List of Rili BÄK parameters offered by INSTAND subject to specific parts of B 1, B 2, B 3 and B 5

B 1a	Analytes in Plasma / Serum / Whole blood	Frequency	Group no.
	>>		
	Testosterone	Quarterly	293, 302
	Theophylline	Quarterly	195
	Thromboplastin time (Quick)	Quarterly	221, 285, 286
	Thrombocytes	Quarterly	209, 211, 612
	Thyrotropic hormone (TSH)	Quarterly	294, 302
	Thyroxine, free (fT4)	Quarterly	294, 302
	Transferrin	Quarterly	100, 241
	Triglycerides	Quarterly	100, 120, 151, 810
	Triiodothyronine, free (fT3)	Quarterly	294, 302
	Troponin I	Quarterly	760
	Valproic acid	Quarterly	195
	Vancomycin	Quarterly	197

B 1b	Analytes in Urine	Frequency	Group no.	B 1c	Analytes in Cerebrospinali Fluid	Frequency	Group no.
	Albumin	Quarterly	173		Albumin	Quarterly	460
	Calcium	Quarterly	173		Glucose	Quarterly	464
	Glucose	Quarterly	173		Immunoglobulin IgA	Quarterly	460
	Uric acid	Quarterly	173		Immunoglobulin IgG	Quarterly	460
	Urea	Quarterly	173		Immunoglobulin IgM	Quarterly	460
	Potassium	Quarterly	173		Lactate	Quarterly	464
	Creatinine	Quarterly	173		Protein (total)	Quarterly	460
	Sodium	Quarterly	173				
	Phosphate	Quarterly	173				
	Protein (total)	Quarterly	173				

B 1d	Analytes in dry blood	Frequency	Group no.
	17-Hydroxyprogesterone	Quarterly	785
	IRT	Quarterly	785
	PAP	Quarterly	785
	TSH	Quarterly	785

B 2	Qualitative laboratory testing	Frequency	Group no.
	ABO characteristics	Quarterly	231, 232, 237, 238
	Borrelia burgdorferi, antibodies against (in serum)	Biannually	332
	Borrelia burgdorferi, antibodies against (in CSF)	Biannually	465
	Candida albicans, antibodies against	Biannually	480
	Cannabinoids	Quarterly	177
	CD4-T cells	Biannually	213
	CD8-T cells	Biannually	213
	Chromatographic analysis with identification of the active substance (STA)	Biannually	188

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List of Rili BÄK parameters offered by INSTAND subject to specific parts of B 1, B 2, B 3 and B 5

B 2	Qualitative laboratory testing	Frequency	Group no.
>>			
	Cocaine and metabolites	Quarterly	174
	Differential, blood smear	Quarterly	212
	Direct Coombs test	Quarterly	231, 232, 237, 238
	dsDNA, autoantibodies against	Biannually	251
	Echinococcus, antibodies against	Annually	455
	Entamoeba histolytica, antibodies against	Annually	455
	Erythrocyte antigens, antibodies against (Coombs test)	Quarterly	231, 232, 237, 238
	Glutaminase, antibodies against	Biannually	271
	HBc antigen, antibodies against	Biannually	344
	HBe antigen, antibodies against	Biannually	345
	HBs antigen, antibodies against	Biannually	344
	Hepatitis-A virus, antibodies against	Biannually	343
	Hepatitis-C virus, antibodies against	Biannually	346
	HIV, antibodies against	Biannually	335
	IgE antibodies, allergen-specific single allergen test; method-specific control on a rotational basis with 6 chief allergens from the following groups: a) seasonal inhaled allergen, b) year-round inhaled allergen, c) food allergen, d) insect poison allergen	Biannually	720
	Immunoglobulin, oligoclonal (oligoclonal bands)	Biannually	462
	Nuclei (ANA) autoantibodies against	Biannually	251
		Biannually	357
	Methadone and metabolites	Quarterly	176
		Biannually	356
	Opiates	Quarterly	174
	Plasmodium, antibodies against	Annually	454
	Rhesus type	Quarterly	231, 232, 237, 238
	Rheumatoid factor (RF)	Quarterly	273, 323
	Rubella virus, antibodies against	Biannually	341
	Schistosoma, antibodies against	Annually	454
	Streptococci desoxyribonuclease, antibodies against	Biannually	321
	Streptolysin O, antibodies against	Biannually	321
	Toxoplasmosis gondii, antibodies	Biannually	452
	Treponema pallidum, antibodies against	Biannually	311
	Tricyclic antidepressants	Quarterly	203, 204
	Urine sediment	Annually	172
		Biannually	353
	Cytoplasmatic components of neutrophil granulocytes (cANCA/pANCA), autoantibodies against	Biannually	257

B 3

Direct detection and characterisation of infectious agents

Frequency

Group no.

Bacteria

Gram stain	Biannually	413
Cultivation, identification and sensitivity testing of bacteria	Biannually	411, 412
Cultivation, identification and sensitivity testing of fast-growing bacteria and detection of accompanying bacterial flora of the urogenital system	Biannually	411, 412
Bordetella pertussis, genome detection	Biannually	532
Borrelia burgdorferi sensu lato, genome detection	Biannually	535
Chlamydia pneumoniae, genome detection	Biannually	540
Chlamydia trachomatis, antigen detection	Biannually	313, 316
Chlamydia trachomatis, genome detection	Biannually	530, 531
Clostridium difficile (Toxin Gene), genome detection	Biannually	545
EHEC/STEC (Shiga toxin), genome detection	Biannually	534
Helicobacter pylori, genome detection	Biannually	533
Legionella pneumophila, genome detection	Biannually	536
Listeria monocytogenes, genome detection	Biannually	538
Methicillin resistance Staphylococcus aureus (MRSA), genome detection	Biannually	539
Mycoplasma pneumoniae, genome detection	Biannually	541
Neisseria gonorrhoeae, genome detection	Biannually	530
Salmonella enterica, genome detection	Biannually	537
Coxiella burnetii, genome detection	Biannually	542
Francisella tularensis, genome detection	Biannually	543

Mycobacteria

Microscopic detection of mycobacteria	Biannually	421
Cultivation of mycobacteria	Biannually	422
Differentiation of tuberculosis bacteria	Biannually	422
Sensitivity test of tuberculosis bacteria	Biannually	425, 426
Identification of mycobacteria	Biannually	423
Tuberculosis bacteria, genome detection	Biannually	424

Parasites

Parasites		
Parasites in the blood, microscopic detection	Biannually	456
Parasites in the stool, microscopic detection	Biannually	451
Toxoplasma gondii, genome detection	Biannually	457

Yeasts

Cultivation and identification of yeasts and hyphomycetes	Biannually	490
Identification of dermatophytes, yeasts and moulds (pathogens of dermatomycoses and mucosal yeast infections)	Biannually	491
Candida, antigen detection	Biannually	480
Cryptococcus neoformans, antigen detection	Biannually	481

>>

B 3

Direct detection and characterisation
of infectious agents

Frequency

Group no.

>>

Viruses

Adeno viruses, genome detection	Biannually	371
Cytomegalovirus, genome detection	Biannually	365
Enteroviruses, genome detection	Biannually	372
Epstein Barr virus, genome detection	Biannually	376
Hepatitis A virus, genome detection	Biannually	377
Hepatitis B virus, genome detection	Biannually	361
Hepatitis B virus, HBs antigen detection	Biannually	344
Hepatitis B virus, HBe antigen detection	Biannually	345
Hepatitis C virus, genome detection	Biannually	362
Hepatitis C virus genotyping, genome detection	Biannually	375
Hepatitis C virus, HCV antigen detection	Biannually	346
Hepatitis E Virus, genome detection	Biannually	380
Herpes simplex virus type 1/type 2, genome detection	Biannually	363
HIV 1 (RNA), genome detection	Biannually	360
HIV 1, p24 antigen detection	Biannually	337
Human papilloma viruses, genome detection	Biannually	373
Influenza-A- and -B viruses, genome detection	Biannually	370
Influenza-A- and -B viruses, antigen detection	Biannually	370
Measles Virus, genome detection	Biannually	386
Mumps Virus, genome detection	Biannually	387
Norovirus, genome detection	Biannually	381
Parvovirus B19, genome detection	Biannually	367
Respiratory syncytial virus, genome detection	Biannually	359
Respiratory syncytial virus, antigen detection	Biannually	359
Rubella Virus, genome detection	Biannually	389
Varicella zoster virus, genome detection	Biannually	366
West Nile Virus, genome detection	Biannually	391

B 5

Molecular genetic testing

Analysis	Gene, Trivial Name	Gene, HGNC-Name	Frequency	Group no.
Alpha1-Antitrypsin	AAT, PI1	SERPINA1	Biannually	743
Apolipoprotein E	APOE	APOE	Biannually	734, 744
Factor V (Leiden)	FV Leiden	F5	Biannually	730, 740
Hereditary haemochromatosis	HLA-H	HFE	Biannually	733, 741
HLA-B27	HLA-B	HLA-B	Biannually	440
Methylenetetrahydrofolate reductase	MTHFR	MTHFR	Biannually	732, 747
Plasminogen activator inhibitor I	PAI1	SERPINE1	Biannually	735, 748
Prothrombin	FII	F2	Biannually	731, 746
Uridyl glucuronyl transferase-1A	UGT1	UGT1A1	Biannually	742
Wilson's disease	ATPase	ATP7B	Annually	745

Allergy Diagnostic

Schellenberg / Zouboulis

720

Samples: 1 set of samples: 5 x samples of 1.0 or 0.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

4 samples for determination specific IgE against inhaled allergens, food allergens and insect poison allergens

1 sample for determination of total IgE

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Engraftment- and Chimerism Diagnostics

Reibke / Dick / Spannagl

618

Samples: 5 samples
 Sample properties: Whole blood samples, donor, patient pre-and post-transplant per appointment
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Chimerism diagnostics after stem cell transplantation

Evaluation and diagnosis Receiver

Annual fee: 252 € – Only annual subscription possible!

EQA results can only be submitted online!

Successful participation in both EQAS rounds is necessary for the award of a certificate (10 samples per year).

Due to longer shipment times, labs using FISH-Analyses, cannot participate in this EQA.

	May (3)	Nov. (6)
Registration deadline:	24.02.23	25.08.23
Sample shipment:	25.04.23	24.10.23
Closing date:	12.05.23	10.11.23

Molecular Genetics 01 – Apolipoprotein E (E2, E3, E4)

Flörke / Kappert

734

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Apo E (genotypes 2, 3, 4)

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Molecular Genetics 02 – Factor V-Leiden-Mutation

Flörke / Kappert

730

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Factor V-Leiden

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Molecular Genetics 03 – HFE H63D, C282Y (optional: S65C)

Flörke / Kappert

733

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HFE: C 282 Y

HFE: H 63 D

HFE: S 65 C

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 2 samples of 0,5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

MTHFR (A 1298 C)

MTHFR (C 677 T)

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Prothrombin G20210A

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Hereditary fructose intolerance:			
Aldolase B: A 149 P	Aldolase B: A 174 D	Aldolase B: N 334 K	
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Enzyme inhibitors:			
Alpha-1 antitrypsin S-Locus		Alpha-1 antitrypsin Z-Locus	
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 Samples of 50 µl Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5 Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Antithrombin (AT3; SERPINC1) (3 exons as specified)		
	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Lipoproteins:

Apo E (genotypes 2, 3, 4)

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

M. Wilson:

ATP 7 B: H 1069 Q

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

Factor V-Leiden

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Coagulation: Fibrinogen Receptor HPA: 1a, 1b			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Haemochromatosis: HFE: C 282 Y HFE: H 63 D HFE: S 65 C			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Coagulation: Collagen receptor GP Ia/IIa (C 807 T)			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

<p>Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>			
<p>Coagulation:</p> <p>MTHFR (A 1298 C) MTHFR (C 677 T)</p>			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

<p>Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>			
<p>Coagulation:</p> <p>Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G</p>			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

<p>Samples: 3 Samples of 50 µl Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5 Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Protein C(3 exons as specified)</p>		
	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Samples: 3 Samples of 50 µl
 Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Protein S (3 exons as specified)

	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Molecular Genetics 20 – Prothrombin G20210A

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

Prothrombin G20210A

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Molecular Genetics 21 – Ret Proto-Oncogene
(Multiple endocrine neoplasia Type 2A – MEN2A)

Samples: 3 Samples of 50 µl
 Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Ret Proto-oncogene, exon 10-16

	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Hyperbilirubinaemia: UDP-glucuronyl transferase (TA)6, (TA)7			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 2 samples Sample properties: DNA in Tris-EDTA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Mutations in alpha-globin gene (max. 4) Genotype alpha-globin gene (nomenclature haemoglobinopathies) Evaluation alpha-globin gene		
Mutations in beta globin gene (max. 4) Genotype beta-globin gene (nomenclature haemoglobinopathies) Evaluation beta-globin gene		
Report with findings from alpha- and beta- globin gene together		
	June (3)	Nov. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	02.06.23	10.11.23

Samples: 1 sample Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
ASXL1 (NM_015338.6) Exon 13 Mutation(s) CEBPA (NM_004364.5) Mutation(s) FLT3 (NM_004119.3) Mutation(s) IDH1 (NM_005896.4) Exon 4 Mutation(s) IDH2 (NM_002168.4) Exon 4 Mutation(s) NPM1 (NM_002520.7) Exon 11 Mutation(s) RUNX1 (NM_001754.5) Mutation(s) TP53 (NM_000546.6) Exon 2-11 Mutation(s)	ASXL1 Nomenclature CEBPA Nomenclature FLT3 Nomenclature IDH1 Nomenclature IDH2 Nomenclature NPM1 Nomenclature RUNX1 Nomenclature TP53 Nomenclature	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Molecular Oncology 02 – BRAF

Kreuzer / Kleinert

795

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
BRAF p.V600	BRAF Nomenclature	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Molecular Oncology 03 – BTK

Kreuzer / Kleinert

796

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
BTK p.C481	BTK Nomenclature	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Molecular Oncology 04 – KIT

Kreuzer / Kleinert

767

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
KIT p.D816	KIT Nomenclature	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
MYD88 p.L265P		
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
CALR Exon 9 Mutation(s) MPL p.W515	CALR Nomenclature MPL Nomenclature	JAK2 p.V617F
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
SF3B1 Exon 14-15 Mutation(s)	SF3B1 Nomenclature	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
STAT3 Exon 21 Mutation(s)	STAT3 Nomenclature	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
TP53 Mutation(s)	TP53 Nomenclature	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

HLA Diagnostics 01 – HLA-B27 Determination

Lachmann / Zaralioglu

440

Samples: 5 blood samples
 Sample properties: ACD whole blood samples, 2-3ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Determination of HLA-B27 by molecular and/or serological means

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

HLA Diagnostics 02 – HLA Typing Class I and II of Serological Equivalents

Lachmann / Zaralioglu

441

Samples: 5 samples
 Sample properties: Platelet-depleted ACD whole blood samples, approx. 8ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HLA Typing of serological equivalents of class I (HLA A, B) and/or HLA class II (HLA-DR, DQ) by serological and/or molecular means

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

HLA Diagnostics 03 – Low resolution, molecular HLA typing class I and II

Lachmann / Zaralioglu

442

Samples: 5 samples
 Sample properties: ACD whole blood samples, approx. 5-7ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Molecular HLA typing class I and II in low resolution (1-field).
 The following loci may be reported: HLA-A,-B,-C,-DRB1,-DRB3/4/5,-DQA1,-DQB1,-DPA1 and -DPB1.

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

Samples: 1 serum set (20 Sera) and 2 cell suspensions!
 Sample properties: Human serum 100µl each and ACD whole blood 8ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HLA crossmatching

Important note: Beginning in 2022 EPT scheme no. 443 will no longer depend on EPT scheme no. 441. By ordering EPT scheme no. 443 you will receive automatically two cells independent from scheme no. 441 to perform the crossmatch. You will also receive the sera for crossmatching with the same shipment. There will be no shipment of sera for scheme no. 443 in January.

Apr. (3)

Registration deadline:	20.01.23
Sample shipment:	20.03.23
Closing date:	21.04.23

HLA Diagnostics 05 – High resolution, molecular HLA typing class I and II

Samples: 5 samples
 Sample properties: Leukocyte suspension (buffy coat), 1-1,5ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Molecular HLA typing class I and II in high resolution according to standards of the European Federation for Immunogenetics (EFI). The following loci may be reported: HLA-A,-B,-C,-DRB1,-DRB3/4/5,-DQA1,-DQB1,-DPA1 and -DPB1. In addition, HLA-B*57:01 associated with Abacavir hypersensitivity and HLA-DR epitopes associated with rheumatoid arthritis may be reported.

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

<p>Samples: 5 samples Sample properties: Human serum, 1ml each Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>HLA antibody determination: HLA antibody screening by complement-dependent cytotoxicity test (CDC) and/or with solid phase immunoassays, antibody identification by CDC and/or antibody identification by solid phase immunoassays (ELISA, Luminex), solid phase complement binding assays (C1q, C3d, C4d etc.)</p>		
	Feb. (1)	Aug. (4)
Registration deadline:	18.11.22	19.05.23
Sample shipment:	16.01.23	17.07.23
Closing date:	24.02.23	25.08.23

<p>Samples: 2 samples of 1-1.5 ml Sample properties: EDTA whole blood Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>			
HLA DQA1*05	HLA DQB1*02	HLA DQB1*03:02	
		Apr. (3)	Dec. (6)
Registration deadline:		27.01.23	08.09.23
Sample shipment:		27.03.23	06.11.23
Closing date:		21.04.23	01.12.23

Haematology 01 – Blood Cell Count

Dorn-Beineke / Nebe

211

Samples: 2 samples of 2 ml Sample properties: Stabilized control blood Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months						
Analysis of Haemoglobin with HemoCue systems is possible!						
Erythrocytes Haemoglobin Thrombocytes	Haematocrit centrif. Leucocytes	Haematocrit el.count MCV				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Haematology 03 – Blood Cell Count – QBC System

Dorn-Beineke / Nebe

209

Samples: 2 samples Sample properties: Control blood Shipping information: Shipping at ambient temperature Certificate validity: 6 months				
Haematocrit centrif.	Haemoglobin	Leucocytes	Thrombocytes	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	10.03.23	14.07.23	18.08.23
Sample shipment:	17.01.23	09.05.23	12.09.23	17.10.23
Closing date:	27.01.23	19.05.23	22.09.23	27.10.23

Haematology 04 – Reticulocyte Analysis 02 (Machine-Based Analysis)

Gutensohn / Nebe

216

Samples: 2 samples Sample properties: Whole blood Shipping information: Cooled shipping Certificate validity: 12 months				
Concentration of Hb in reticulocytes Reticulated Platelets Reticulocytes	Immature reticulocytes Reticulocyte production Index (RPI) Reticulocytes concentration			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	10.03.23	14.07.23	18.08.23
Sample shipment:	17.01.23	09.05.23	12.09.23	17.10.23
Closing date:	27.01.23	19.05.23	22.09.23	27.10.23

Samples: 2 blood smears for microscopic analysis
 Sample properties: Slides
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Reticulocytes

	Jan. (1)	July (4)
Registration deadline:	18.11.22	05.05.23
Sample shipment:	17.01.23	04.07.23
Closing date:	27.01.23	14.07.23

Haematology 06 – Differential Blood Count (Machine-Based Analysis)

Dorn-Beineke / Nebe

612

Samples: 2 samples
 Sample properties: Fresh whole blood from blood bank, overnight shipping
 Shipping information: Cooled shipping
 Certificate validity: 6 months / 12 months

Basophilic Granulocytes Haematocrit centrif. Leucocytes Monocytes	Eosinophilic Granulocytes Haematocrit el.count Lymphocytes Neutrophilic Granulocytes	Erythrocytes Haemoglobin MCV Thrombocytes
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Due to high demand, two different sets of samples will be sent (Gr. 612 = Gr. 912).
 The group number you receive will be set by INSTAND e.V. before each EQAS shipment.
 Both groups are equivalent.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	10.03.23	14.07.23	18.08.23
Sample shipment:	17.01.23	09.05.23	12.09.23	17.10.23
Closing date:	27.01.23	19.05.23	22.09.23	27.10.23

Haematology 07 – Blood Smear Analysis

Diem / N.N.

212

Samples: 2 peripheral blood smears
 Sample properties: Slides
 Shipping information: Cooled shipping
 Certificate validity: 12 months

Blood Cell Differentiation in % Morphology of erythrocytes, leucocytes and platelets	Diagnostic comment
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	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 digital slides in a virtual microscope of bone marrow aspirate Sample properties: Digital slides Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Evaluation and diagnosis Available online in digital microscopy! – No shipment!		
	Mar. (2)	Sep. (5)
Registration deadline:	24.02.23	18.08.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Samples: 2 samples Sample properties: Whole blood Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Lymphocyte-immunophenotyping – peripheral blood: B-Lymphocytes CD4 pos. lymphocytes with CD3-expression (/nl) Leucocytes NK-cells without CD3-expression		
	Mar. (2)	Sep. (5)
		CD4 pos. lymphocytes with CD3-expression (%) CD8 pos. lymphocytes with CD3-expression Lymphocytes (in % of all leucocytes) T-lymphocytes
Registration deadline:	13.01.23	14.07.23
Sample shipment:	14.03.23	12.09.23
Closing date:	24.03.23	22.09.23

Samples: 2 samples Sample properties: Whole blood Shipping information: Cooled shipping Certificate validity: 12 months				
Flow cytometric determination of CD34+ stem and progenitor cells and viability measurements				
	Jan. (1)	Mar. (2)	July (4)	Sep. (5)
Registration deadline:	18.11.22	13.01.23	05.05.23	14.07.23
Sample shipment:	17.01.23	14.03.23	04.07.23	12.09.23
Closing date:	27.01.23	24.03.23	14.07.23	22.09.23

<p>Samples: 2 samples Sample properties: Sample I and II: bone marrow or blood smears and leukaemia or lymphoma cells Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Immunophenotyping of leukemias/lymphomas Immunophenotyping of Hematologic Neoplasms</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	30.12.22	14.07.23
Sample shipment:	28.02.23	12.09.23
Closing date:	10.03.23	22.09.23

<p>Samples: 2 samples Sample properties: EDTA blood Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>GPI-deficient cells</p> <p>Due to high demand 3 different sets of samples will be sent (No. 616 = No. 916 or No. 917). The group number you receive will be set by INSTAND e.V. before each EQAS shipment. All groups are equivalent!</p>		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	28.07.23
Sample shipment:	02.05.23	26.09.23
Closing date:	19.05.23	13.10.23

<p>Samples: 2 samples Sample properties: Cellular products Shipping information: Cooled shipping Certificate validity: 12 months</p>		
<p>For flow cytometric determination of T, B and NK cells in cellular products only</p>		
	May (3)	Oct. (6)
Registration deadline:	10.03.23	18.08.23
Sample shipment:	09.05.23	17.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples Sample properties: Whole blood Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Hemoglobin analysis with evaluation and diagnosis		
	May (3)	Nov. (6)
Registration deadline:	10.03.23	18.08.23
Sample shipment:	09.05.23	17.10.23
Closing date:	26.05.23	03.11.23

Samples: 2 samples Sample properties: Lyophilised erythrocytes preparation Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Haemoglobin (free)				
The samples are not suitable for methods based on photometric measurements of the oxyhaemoglobin peaks around 540 nm and/or 577 nm. The Harboe method (415 nm peak) is not affected. The quantitative hemolysis index from automated chemistry analysers can also provide a suitable result.				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Autoimmune Diseases

Autoimmune Diseases 01 – Connective Tissue Diseases (ANA)

Blüthner / Seelig

251

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months / 12 months		
Antibodies against cell nuclei (antinuclear antibodies)		
Autoantibodies against dsDNA Collagenosis Screening	Autoantibodies against nuclei (ANA) anti-DFS70 / LEDGF	
	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Autoimmune Diseases 02 – Hepatic Syndromes

Blüthner / Seelig

253

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
anti-Actin anti-Mitochondria	anti-H+/K+-ATPase anti-Parietal cells	anti-Microsomes (LKM 1) anti-smooth muscle
	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Autoimmune Diseases 03 – Connective Tissue Diseases (ENA)

Blüthner / Seelig

255

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
Antibodies against ENA		
anti-Jo 1 (Histidyl-tRNA-Synthetase) anti-SS-A / Ro anti-SS-A / Ro (60 kD – proteins) anti-Sm anti-Topoisomerase-1 (Scl 70)	anti-PM / Scl anti-SS-A / Ro (52 kD – proteins) anti-SS-B / La anti-SmD anti-U1-snRNP	
		Sep. (5)
Registration deadline:		23.06.23
Sample shipment:		22.08.23
Closing date:		08.09.23

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months / 12 months		
Antibodies against neutrophilic granulocytes (ANCA) anti-MPO anti-glomerular basement membrane (GBM) p-ANCA		
	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti- Desmosomes anti-Desmoglein 1 anti-Hemidesmosomes	anti-BPAg 180 anti-Desmoglein 3	anti-BPAg 230 anti-Desmoplakin I / II
	Mar. (2)	
Registration deadline:	06.01.23	
Sample shipment:	28.02.23	
Closing date:	17.03.23	

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti-Glutamic Acid Decarboxylase (GAD) anti-Islet cells (ICA) anti-Tyrosine Phosphatase (IA2)		anti-Insulin (IAA) anti-Islet cells – JDFU anti-Zinc Transporter 8 (ZnT8A)
		Sep. (5)
Registration deadline:		23.06.23
Sample shipment:		22.08.23
Closing date:		08.09.23

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti-P450 C17 – Hydroxylase anti-P450 ssc – Hydroxylase	anti-P450 C21 – Hydroxylase anti-adrenal cortex	
		Sep. (5)
Registration deadline:		23.06.23
Sample shipment:		22.08.23
Closing date:		08.09.23

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti – Glia Cell Nuclear Antibody (AGNA) anti-HuD anti-Purkinje cells anti-SOX1 anti-Yo (CDR62)	anti-Amphiphysin 1 anti-Neuronal nuclei anti-Ri / Nova 1 anti-Ta (Ma 2)	
		Mar. (2)
Registration deadline:		06.01.23
Sample shipment:		28.02.23
Closing date:		17.03.23

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti-Asialoganglioside (AGA1) anti-Disialoganglioside (GD1b) anti-Monosialoganglioside (GM2) anti-Myelin-associated Glycoprotein (MAG) anti-Trisialoganglioside (GT1b)	anti-Disialoganglioside (GD1a) anti-Monosialoganglioside (GM1) anti-Monosialoganglioside (GM3) anti-Quadrosialoganglioside (GQ1b)	
		Mar. (2)
Registration deadline:		06.01.23
Sample shipment:		28.02.23
Closing date:		17.03.23

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
anti-Acetylcholin receptors anti-Titin	anti-Musclespecific Receptor Tyrosinkinase (MuSK) anti-skeletal muscle
Mar. (2)	
Registration deadline:	06.01.23
Sample shipment:	28.02.23
Closing date:	17.03.23

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months / 12 months		
anti-Endomysium IgA anti-Transglutaminase IgA	anti-Gliadin IgA anti-deamidated Gliadin IgA	anti-Gliadin IgG anti-deamidated Gliadin IgG
Mar. (2)		Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months		
Rheumatoid Factor, Rheumatoid Factor (isotypes) anti-MCV (mutated citrullinated Vimentin)	anti-CCP (cyclic citrulline peptide)	
Additional terms see EQA No. 323!		
Mar. (2)		Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti-Cardiolipin (IgA)	anti-Cardiolipin (IgG)	anti-Cardiolipin (IgM)
anti-β2-Glycoprotein (IgA)	anti-β2-Glycoprotein (IgG)	anti-β2-Glycoprotein (IgM)
		Sep. (5)
Registration deadline:		23.06.23
Sample shipment:		22.08.23
Closing date:		08.09.23

Basophil Activation Test

Samples: 2 samples of 2.6 ml Sample properties: EDTA whole blood, not stabilized, overnight shipping Shipping information: Cooled shipping Certificate validity: 12 months		
Basophil activation by allergens bee and wasp. The stimulants are not included!		
	May (3)	Oct. (6)
Registration deadline:	10.03.23	25.08.23
Sample shipment:	09.05.23	24.10.23
Closing date:	19.05.23	03.11.23

IgG Subclasses

Schellenberg / Falck

244

Samples: 2 samples of 1 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
IgG1	IgG2	IgG3	IgG4
		May (3)	Oct. (6)
Registration deadline:		03.03.23	11.08.23
Sample shipment:		02.05.23	10.10.23
Closing date:		19.05.23	27.10.23

Immunophenotyping 04 – Cellular Immunodeficiency Diagnostic

Sack / Boldt

651

Samples: 2 samples Sample properties: EDTA whole blood, not stabilized, overnight shipping Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
T, NK and B cell subpopulations including naive, memory, effector, activated, TH1/2 and Treg cells		
	May (3)	Oct. (6)
Registration deadline:	10.03.23	25.08.23
Sample shipment:	09.05.23	24.10.23
Closing date:	19.05.23	03.11.23

Interferon Gamma Release Assay (IGRA)

Sack / Boldt

650

Samples: 2 samples of approx. 4 ml Sample properties: Heparin whole blood, not stabilized, overnight shipping Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Interferon Gamma Release Assay (IGRA)		
Due to high demand two different sets of samples will be sent (Gr. 650 = Gr. 950). Please note: The EQAS is designed for participants who use a TB Elispot (e.g. T-SPOT®.TB) or a test with prestimulation in a tube (e.g. QuantiFeron®-TB Gold Plus).		
	May (3)	Oct. (6)
Registration deadline:	10.03.23	25.08.23
Sample shipment:	09.05.23	24.10.23
Closing date:	26.05.23	10.11.23

Immunohaematology 01

Wagner / Geisen

231

Samples: 2 sets of samples: 1 set = 1 x 5 ml / 1 x 5 ml erythrocytes suspension Sample properties: Serum / erythrocytes suspension Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening	A – Subtyping Direct Antiglobulin Test		
	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Immunohaematology 02 (incl. Antibody Identification)

Wagner / Geisen

232

Samples: 2 sets of samples: 1 set = 2 x 5 ml / 1 x 5 ml erythrocytes suspension Sample properties: Serum / erythrocytes suspension Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification	A – Subtyping Direct Antiglobulin Test AB quantitation		
	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Immunohaematology 03 – Platelet Immunology

Sachs / Kroll

233

Samples: 3 samples, 2 samples of DNA, 2 samples of platelet suspension Sample properties: Serum or plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Platelet antibodies Platelet antigens This EQA scheme is intended for laboratories which are able to detect platelet alloantibodies and antigens. The EQA scheme No. 235 'Immunohaematology 06 – Molecular Diagnostic' was designed for laboratories which only want to carry out platelet antigen genotyping.		
	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	31.03.23	22.09.23

Samples: 3 samples of plasma, 2 samples of DNA Sample properties: Plasma + DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
HNA/granulocyte antibodies HNA/granulocyte (neutrophil) antigens This EQA scheme includes all HNA specifications. It is dedicated to laboratories which are able to detect granulocyte alloantibodies and antigens. The EQA scheme No. 235 'Immunohaematology 06 – Molecular Diagnostic' was designed for laboratories which only want to perform HNA genotyping. Because of the complicated preparation of the samples, INSTAND e.V. reserves the right to no longer supply laboratories with proficiency test samples, which have repeatedly not sent back any results.		
	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	31.03.23	22.09.23

Samples: 2 samples Sample properties: Anticoagulated whole blood (haematocrit 30%) Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification	A – Subtyping Direct Antiglobulin Test		
	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

<p>Samples: 4 samples Sample properties: DNA Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Red cells: ABO, MNS, RHD, RHD-Deletion, RHCE, LU, KEL, FY, JK, DI, YT, DO, CO, LW, KN, VEL. Platelets: HPA-1, 2, 3, 4, 5, 6, 9, 15. Granulocytes: HNA-1a, -1b, -1c; HNA-3, HNA-4, HNA-5.</p> <p>A list of the alleles necessary for successful participation can be found at: www.instand-ev.de/mandatory-alleles</p>		
	May (3)	Nov. (6)
Registration deadline:	03.03.23	18.08.23
Sample shipment:	02.05.23	17.10.23
Closing date:	19.05.23	03.11.23

**Immunohaematology 07 – Machine-Based Analysis
(incl. AB Quantitation)**

<p>Samples: 2 samples, anticoagulated whole blood (haematocrit 30%), 2 samples of plasma Sample properties: Anticoagulated whole blood (haematocrit 30%) / plasma Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months</p>				
<p>A B O – Typing Rh – Subtyping (without Cw) Kell antigen</p>	<p>Rh (D) Factor Antibody Screening Antibody identification</p>	<p>A – Subtyping Direct Antiglobulin Test AB quantitation</p>		
	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Complement Analysis 01 – Auto-anti-C1q

Prohaszka / Kirschfink

245

Samples: 2 samples of 100 µl Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Auto-anti C1q (IgG)	Auto-anti C1q (IgG) (qualitative)	
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Complement Analysis 02 – Functions and proteins

Prohaszka / Kirschfink

246

Samples: 2 samples of 1 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Alternative pathway C1q	C1 inhibitor: activity C3	C1 inhibitor: protein C4
Classical pathway Lectin pathway	Factor H	Factor I
Analysis of the total function of the 3 complement activation pathways (classical, alternative and lectin pathways) either by functional ELISA (WIELISA), by haemolytic (CH50, AH50) or by liposome-based assay (classical pathway). Participation with one parameter (e.g. CH50) is possible.		
	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Complement Analysis 03 – Complement activation products

Prohaszka / Kirschfink

247

Samples: 2 samples of 500 µl Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
C3a, C3d, Bb, sC5b-9	
Participation with one parameter (e.g. sC5b-9) possible	
	Nov. (6)
Registration deadline:	11.08.23
Sample shipment:	10.10.23
Closing date:	10.11.23

Complement Analysis 04 – C3 – nephritic factor

Prohaszka / Kirschfink

248

Samples: 2 samples of 150 µl Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
C3-nephritic factor (qualitative)		
	Nov. (6)	
Registration deadline:		11.08.23
Sample shipment:		10.10.23
Closing date:		10.11.23

Complement Analysis 05 – Auto-anti FH

Prohaszka / Kirschfink

249

Samples: 2 samples of 300 µl Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
Auto-anti FH-(qualitative)	Auto-anti-FH (quantitative)	
	Nov. (6)	
Registration deadline:		11.08.23
Sample shipment:		10.10.23
Closing date:		10.11.23

Complement Analysis 06 – Anti – C1 inhibitor

Prohaszka / Kirschfink

250

Samples: 2 samples of 100 µl Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
Auto-anti-C1 inhibitor IgA (qualitative)	Auto-anti-C1 inhibitor IgG (qualitative)	
Auto-anti-C1 inhibitor IgM (qualitative)		
	Nov. (6)	
Registration deadline:		11.08.23
Sample shipment:		10.10.23
Closing date:		10.11.23

ACE (Angiotensin-Converting-Enzyme)

Durner / N.N.

630

Samples: 2 samples of 0.5 ml Sample properties: Serum, liquid, stabilized Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
ACE				
	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	28.04.23	11.08.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Amino Acid Analysis

N.N. / Schadewaldt

710

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
4-Hydroxyproline (free) Argininosuccinic acid Citrulline Cysteine-Homocysteine-disulfide Glycine Leucine Ornithine Proline Taurine Tyrosine alpha-Aminoadipic acid	Alanine Asparagine Cystathionine Glutamic acid Histidine Lysine Phenylalanine Sarcosine Threonine Valine b-Alanine	Arginine Aspartic acid Cystine Glutamine Isoleucine Methionine Phosphoethanolamine Serine Tryptophan allo-Isoleucine proposed diagnosis
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Ammonia

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Biogenic Amine in Plasma

Schneider / Luppá

185

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

3-Methoxytyramine	Dopamine	Epinephrine
Metanephrines	Norepinephrine	Normetanephrine
Serotonin		

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Markers of Ethanol Abuse 01

Luppá / Schneider

750

Samples: 2 samples
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Asialotransferrin	Asialotransferrin+Disialotransferrin	Disialotransferrin
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	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Myocardial Markers

Baum / Peetz

760

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

CK-MB (activity)	CK-MB (mass)	CK-MB (qualitative)
Myoglobin	Myoglobin (qualitative)	NT-pro BNP
Troponin I	Troponin I (qualitative)	Troponin T
Troponin T (qualitative)		

Please note that this EQA scheme is not suitable for methods that require whole blood.

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Myocardial Markers BNP

Baum / Peetz

761

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

BNP

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Ethanol

Schellenberg / Falck

700

Samples: 2 samples of 2 ml
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Ethanol

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Serum Proteins/Electrophoresis

Niederau / Schellenberg

141

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Albumin	Albumin (electrophoresis)	Protein
a1-Globulins	a2-Globulins	beta-Globulins
gamma-Globulins		

Participants using the method capillary zone electrophoresis please order programm 102 – Capillary Zone Electrophoresis

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Faecal Diagnostics 01

Durner / Spannagl

130

Samples: 2 samples of 0.5-1 ml Sample properties: Lyophilised stool Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Calprotectin Fecal elastase (qualitative)	Calprotectin (qualitative)	Fecal elastase	
	Mar. (2)	July (4)	Oct. (6)
Registration deadline:	06.01.23	28.04.23	11.08.23
Sample shipment:	28.02.23	27.06.23	10.10.23
Closing date:	17.03.23	14.07.23	27.10.23

Faecal Diagnostics 02

Durner / Spannagl

131

Samples: 2 samples of 0.5-1 ml Sample properties: Lyophilised stool Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Haemoglobin Hemoglobin-Haptoglobin-complex	Haemoglobin (qualitative) Hemoglobin-Haptoglobin-complex (qualitative)	
	Mar. (2)	Oct. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	17.03.23	27.10.23

Fructosamine

Niederau / Kaiser

146

Samples: 2 samples Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months					
Fructosamine					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23	
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23	
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23	

Gammopathies

Peetz / Niederau

243

Samples: 2 samples of 1 ml Sample properties: Plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months					
Free light chains type kappa (quantitative)		Free light chains type lambda (quantitative)			
Gammopathies		IgA			
IgG		IgM			
kappa/lambda (ratio)					
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23	
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23	
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23	

Glucose – Conventional Analysis

Niederau / Falck

111

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 6 months						
Glucose						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Haemostasis 01 – PT, INR, aPTT

Spannagl / Dick

221

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 6 months						
Global test I: Prothrombintime (PTZ, Quick) Prothrombintime (PTZ, INR) aPTT						
No. 221 is only for measuring in plasma samples. For measurements of whole blood in POCT systems, please register for No. 286!						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Haemostasis 02 – FIB, TZ, FSP

Spannagl / Dick

222

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Global test II: TZ FIB FSP screening using batroxobin time or heparin-independent thrombin time				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Haemostasis 03 – Factor II, V, VII, X

Spannagl / Dick

223

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Single factors A (via PT): FACTOR II FACTOR V FACTOR VII FACTOR X				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Single factors B (via APTT, etc.):				
FACTOR IX	FACTOR XI	FACTOR XII	FACTOR XIII	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Inhibitors (AT, PC, PS)				
Antithrombin Free Protein S funct. (act.)	C1-Inhibitor Protein S total	Free Protein S immun. (conc.) Total Protein C		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 0.5 ml or 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
D-Dimer (qualitative)	D-Dimer (quantitative)			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Factor VIII akt. Willebrand fact. RiCof	Willebrand fact. Ag Willebrand fact. activity	Willebrand fact. CBA		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Argatroban	Thrombin Time	aPTT		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Thrombin Time	UF Heparin	aPTT		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

LMW Heparin

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Orgaran

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Extrinsic: A20 [mm] Extrinsic: CT[s] r[min] Extrinsic: MCF [mm]
 Intrinsic: A20 [mm] Intrinsic: CT[s] r[min] Intrinsic: MCF [mm]

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Antithrombin	D-Dimer (quantitative)
Fibrinogen	Prothrombintime (PT, INR)
Prothrombintime (PT, Quick)	Thrombin Time
aPTT	

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 sets of samples: 1 set = 2 samples of 1 ml; Starting reagent of 5 ml
 Sample properties: non-stabilized whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Due to different detection techniques that are applied, not every sample material can be guaranteed to be suitable for every POCT machine. The machines microINR by Axon Lab as well as Xprecia Stride by Siemens are not suitable for this EQAS!

ACT	Prothrombintime (PT, INR)	Prothrombintime (PT, Quick)
aPTT		

Please note the shot completion time!

	Jan. (1)	May (3)	Sep. (5)	Nov. (6)
Registration deadline:	18.11.22	24.03.23	07.07.23	25.08.23
Sample shipment:	17.01.23	23.05.23	05.09.23	24.10.23
Closing date:	19.01.23	25.05.23	07.09.23	26.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Functional APC resistance

APC resistance	Diagnostic comments
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	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Fondaparinux		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Dabigatran		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Rivaroxaban		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Apixaban		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 x 3 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Extrinsic: A20 [mm]	Extrinsic: CT[s] r[min]	Extrinsic: MCF [mm]		
Extrinsic: MCF [mm]	Intrinsic: A20 [mm]	Intrinsic: CT[s] r[min]		
Intrinsic: MCF [mm]				
Participation only for device Rotem Sigma!				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Edoxaban		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Emicizumab

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

HbA1c

Kaiser / Kramer

145

Samples: 2 samples of 0.3 ml
 Sample properties: EDTA whole blood, not stabilized
 Shipping information: Cooled shipping
 Certificate validity: 6 months

HbA1c

The samples must be measured within 2 days of receipt!

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	20.01.23	10.03.23	05.05.23	14.07.23	25.08.23
Sample shipment:	17.01.23	21.03.23	09.05.23	04.07.23	12.09.23	24.10.23
Closing date:	20.01.23	24.03.23	12.05.23	07.07.23	15.09.23	27.10.23

Urinary Stone Analyses

Neubeck / Reuner

500

Samples: 2 samples
 Sample properties: Pulverized material
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Adrenal Gland/Pituitary

Luppa / Schneider

298

Samples: 2 samples of 3 or 5 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

1-39 ACTH
 HGH Prolactin (3. IS)

DHEA

DHEA-S

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Aldosterone

Luppa / Schneider

304

Samples: 2 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Aldosterone

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Calcium Metabolism / Special Thyroid

Durner / Luppa

301

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

1-84 PTH

Calcitonin

Thyreoglobulin

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

FSH	LH	anti-Mullerian hormone			
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:		28.02.23	02.05.23	22.08.23	10.10.23
Closing date:		17.03.23	19.05.23	08.09.23	27.10.23

Gravidity – 1st Trimester Screening

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Free beta-chain hCG	PAPP-A				
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:		28.02.23	02.05.23	22.08.23	10.10.23
Closing date:		17.03.23	19.05.23	08.09.23	27.10.23

Gravidity – 2nd Trimester Screening

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

AFP	hCG intact	hCG intact +beta-hCG free			
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:		28.02.23	02.05.23	22.08.23	10.10.23
Closing date:		17.03.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Erythropoietin	Thrombopoietin		
	May (3)	Oct. (6)	
Registration deadline:	03.03.23	11.08.23	
Sample shipment:	02.05.23	10.10.23	
Closing date:	19.05.23	27.10.23	

Samples: 2 samples of 3 ml Sample properties: Lyophilised serum / plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
C-Peptide Insulin	Gastrin Pro-insuline	Glucagon		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
PLGF (placental growth factor)	sFLT-1 (soluble fms-like tyrosine kinase-1)		
	May (3)	Oct. (6)	
Registration deadline:	03.03.23	11.08.23	
Sample shipment:	02.05.23	10.10.23	
Closing date:	19.05.23	27.10.23	

Samples: 2 samples of 2 ml
 Sample properties: Serum, liquid
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

17-beta-Estradiol T3 total (triiodothyronine) Testosterone	Cortisol T4 total (thyroxine) free T3 (f-triiodothyronine)	Progesterone TSH free T4	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23		
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23		
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23		

Thyroid Gland Antibodies

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

TRAK/THYBIA anti-Thyroglobuline	anti-TPO	anti-Microsome	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23		
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23		
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23		

Thyroid Hormones

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

T3 total (triiodothyronine) free T3 (f-triiodothyronine)	T4 total (thyroxine) free T4	TSH	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23		
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23		
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23		

Samples: 2 samples
Sample properties: Serum or plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

17-Hydroxyprogesterone Androstendion

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Capillary Zone Electrophoresis

Niederau / Schellenberg

102

Samples: 2 samples Sample properties: Serum, liquid Shipping information: Shipping at ambient temperature Certificate validity: 12 months						
Albumin (electrophoresis) beta-Globulins	a1-Globulins gamma-Globulins	a2-Globulins				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Clinical Chemistry – Conventional Analysis

Falck / Niederau

100

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months						
AP Albumin (electrophoresis) Bilirubin conj. Calcium Copper GLDH Glucose IgG Iron binding capacity Lipase Osmolality Potassium Sodium Urea gamma-Globulins	Acid phosphatase Aldolase CHE Chloride Creatinine GOT (ASAT) HBDH IgM LDH Lithium Pancreas amylase Prostatic acid Phosphatase Transferrine Uric Acid	Albumin Bilirubin CK Cholesterol GGT GPT (ALAT) IgA Iron Lactate Magnesium Phosphate Protein Triglycerides alpha-Amylase				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 0.5 ml
 Sample properties: Lyophilised whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

G6PDH

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Lipids/Lipoproteins

Samples: 2 samples
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Apolipoprotein A1 Cholesterol LDL-cholesterol Triglycerides	Apolipoprotein B HDL-cholesterol Lp (a)	Apolipoprotein E Homocystein Phospholipids
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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Cerebrospinal Fluid Analysis 01 – Protein Analysis

Uhr / Zimmermann / Reiber

460

Samples: 2 sets = CSF + serum of 1 ml
 Sample properties: CSF + serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

(Evaluation of CSF/serum quotients in diagrams and age-related interpretation)

Albumin	Albumin – CSF	IgA
IgA – CSF	IgG	IgG – CSF
IgM	IgM – CSF	Protein – CSF

Sample volumes in the CSF proficiency tests (No. 460-466) are limited as it is difficult to acquire large volumes of CSF.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Cerebrospinal Fluid Analysis 02 – Oligoclonal IgG

Uhr / Zimmermann / Reiber

462

Samples: 1 set of samples, CSF + serum of 150 µl
 Sample properties: CSF + serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months / 12 months

(paired analysis of samples and interpretation)

Interpretation of the report **Oligoclonal IgG**

The acquisition of samples is demanding, as it is not possible to use pooled CSF, i.e. the samples are from individual patients (catheter, drainage, etc.).

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Cerebrospinal Fluid Analysis 03 – MRZ Reaction

Uhr / Zimmermann / Reiber

463

Samples: 1 set of samples, CSF + serum à 1 ml
 Sample properties: CSF + serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Antibodies against Measles viruses, Rubella viruses, Varicella zoster viruses, Herpes simplex viruses (1+2).
 Analysis of virus-specific antibodies in CSF and serum for detection of specific antibody response in central nervous system (MRZ reaction).

Detection of titers is not suitable. Evaluation as antibody index and interpretation of combined data.

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

<p>Samples: 2 samples of 0.5 ml Sample properties: CSF + serum Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months</p>				
<p>Glucose – CSF Glucose quotient – diagnostic comment Lactate</p>		<p>Glucose quotient (CSF/Serum) Interpretation of the report Lactate – diagnostic comment</p>		
<p>Calculation of the CSF/serum ratio of glucose. Interpretation with respect to the reference range.</p>				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

<p>Samples: 1 set of samples, CSF + serum Sample properties: CSF + serum, the CSF sample is not native CSF but serum diluted to CSF concentration Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Borrelia IgG Antibody Index (AI) calculation</p>	<p>Interpretation of the report</p>	
<p>Detection of titers is not suitable. Calculation of antibody index and interpretation.</p>		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

<p>Samples: 1 CSF sample of 1 ml Sample properties: CSF Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Amyloid β Peptid 40 (Aβ40) Amyloid β Peptid Ratio (Aβ 42/40) Total Tau Protein (Tau)</p>	<p>Amyloid β Peptid 42 (Aβ42) PhosphoTau Protein (pTau)</p>	
<p>Neurochemical dementia diagnostics: Support for differential diagnosis of dementia by interpretation of the combined analysis of different marker proteins in CSF.</p>		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Neonatal Bilirubin

Niederau / Falck

110

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Neonatal Bilirubin

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Newborn screening

Hallbach / Spannagl

785

Samples: 2 samples
 Sample properties: Filter papers, each with 2 dried blood spots
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

17-Hydroxyprogesterone IRT PAP TSH

No shipping outside Germany possible!

Samples and evaluation by Reference Institute for Bioanalytics, Bonn.

An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

	Feb. (1)	Apr. (3)	July (4)	Oct. (6)
Registration deadline:	26.12.22	06.03.23	29.05.23	14.08.23
Sample shipment:	25.01.23	05.04.23	28.06.23	13.09.23
Closing date:	18.02.23	29.04.23	22.07.23	07.10.23

Antiarrhythmics – Amiodaron

Steimer / Schneider

190

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Amiodarone	Desethylamiodarone			
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Antibacterials 01 – Teicoplanin

Steimer / Schneider

193

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Teicoplanin	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Antibacterials 02

Schneider / Steimer

890

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Ampicillin Linezolid Sulbactam	Cefepime Meropenem Tazobactam	Ceftazidime Piperacilline	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
			18.11.22	03.03.23	23.06.23	11.08.23
			10.01.23	02.05.23	22.08.23	10.10.23
			27.01.23	19.05.23	08.09.23	27.10.23

Anticonvulsants 01

Steimer / Schneider

191

Samples: 2 samples of 3 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Lamotrigine	Levetiracetam	Sulthiame		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Anticonvulsants 02

Steimer / Schneider

192

Samples: 2 samples of 3 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
10-OH-Carbamazepine	Carbamazepine-epoxide	N-Desmethylmethsuximide		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Anticonvulsants 03

Steimer / Schneider

871

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Eslicarbazepine acetate	Felbamate	Lacosamide	Rufinamide	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Gabapentin Topiramate	Pregabalin Vigabatrin	Tiagabine Zonisamide		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples Sample properties: Lyophilised serum / plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Hydroxy-Itraconazole	Itraconazole	Mycophenolic acid	
	Mar. (2)		Oct. (6)
Registration deadline:	06.01.23		11.08.23
Sample shipment:	28.02.23		10.10.23
Closing date:	17.03.23		27.10.23

Samples: 2 samples of 5 ml (+ 2 samples of 3 ml antibiotics) Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Chloramphenicol Posaconazole	Fluconazole Voriconazole	Flucytosine	
		May (3)	Oct. (6)
Registration deadline:		03.03.23	11.08.23
Sample shipment:		02.05.23	10.10.23
Closing date:		19.05.23	27.10.23

Samples: 2 samples of 2 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months						
Clozapine	N-Desmethylclozapine					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months						
Amisulpride Levomepromazine Sertraline	Desmethylsertraline Pipamperone Ziprasidone	Fluvoxamine Reboxetine				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months						
Desmethylfluoxetine	Fluoxetine	Mianserine		Perazine		
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months						
Chlorprotixene	Desmethylolanzapine		Olanzapine		Paroxetine	
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Antivirals

Samples: 2 samples of 1 – 3 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
We will inform you in time about the current parameters for the determination from the list below.				
Aciclovir	Atazanavir	Darunavir	Dolutegravir	
Efavirenz	Elvitegravir	Etravirine	Lopinavir	
Maraviroc	Nevirapine	Raltegravir	Ribavirin	
Rilpivirin	Ritonavir	Tenofovir		
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Benzodiazepines 01

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Alprazolam	Chlordiazepoxide	Desalkylflurazepam	Diazepam	
Nordiazepam	Oxazepam	Trazodone		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Clonazepam Temazepam	Flunitrazepam	Flurazepam	Nitrazepam	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Bromazepam	Clobazam (Clobazepam)	Lorazepam		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 4 samples Sample properties: Lyophilised whole blood Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Cyclosporine A	Everolimus	Sirolimus	Tacrolimus
	Mar. (2)		Oct. (6)
Registration deadline:	06.01.23		11.08.23
Sample shipment:	28.02.23		10.10.23
Closing date:	17.03.23		27.10.23

Samples: 4 samples of 1 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Paracetamol	Salicylic acid			
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Atomoxetine	Methylphenidate	Ritalinic acid		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
10-OH-Carbamazepine O-Desmethylvenlafaxine	Aripiprazole Perazine	Citalopram Quetiapine	Lamotrigine Venlafaxine	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Psychotherapeutic Drugs 02

Haen / Ridders

861

Samples: 2 samples of 5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Amisulpride O-Desmethylvenlafaxine	Escitalopram Quetiapine	Mirtazapine Venlafaxine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Psychotherapeutic Drugs 03

Haen / Ridders

862

Samples: 2 samples of 5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
9-OH-Risperidone / Paliperidone Haloperidol Quetiapine	Clozapine N-Desmethylclozapine Risperidone	Duloxetine Olanzapine Ziprasidone		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Psychotherapeutic Drugs 04

Haen / Ridders

863

Samples: 2 samples of 5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Amitriptyline Desipramine Maprotiline Nordoxepin	Clomipramine Doxepin N-Desmethylclozapine Nortriptyline	Clozapine Imipramine Norclomipramine Trimipramine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months					
Caffeine					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23	
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23	
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23	

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months						
Carbamacepine Lithium Primidon	Digoxin Phenobarbital Theophylline	Ethosuximid Phenytoin Valproic Acid				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months						
Amicacin Methotrexate	Digitoxin Tobramycin	Gentamicin Vancomycin				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Desipramine Normaproptiline	Imipramine Tricyclic Antidepressants – Screen	Maproptiline		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Amitriptyline Nortriptyline	Clomipramine Tricyclic Antidepressants – Screen	Norclomipramine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Doxepin Tricyclic Antidepressants – Screen	Nordoxepin Trimipramine	Nortrimipramine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 6 months						
May contain the following substances: Amitriptyline Clomipramine Desipramine Doxepin Imipramine Norclomipramine Nordoxepin Nortrimipramine Nortriptyline Trimipramine Tricyclic Antidepressants (qualitative)- Screening						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 5 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months						
May contain the following substances: Amitriptyline Clomipramine Desipramine Doxepin Imipramine Norclomipramine Nordoxepin Nortrimipramine Nortriptyline Trimipramine Tricyclic Antidepressants (qualitative)- Screening						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Photometer Controls

Kaiser / Kramer

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Samples: 2 samples
 Sample properties: Potassium picrate solution
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Wavelengths 334, 340, 365, 405 and 436 nm

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Infection Serology – C-Reactive Protein

Hunfeld / N.N.

322

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months					
C-Reactive Protein (quantitative)		C-reactive protein (qualitative)			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23	
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23	
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23	

Plasmaproteins 01

Schellenberg / Falck

241

Samples: 2 samples of 1 ml Sample properties: Plasma Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months						
C-Reactive Protein (quantitative)	C3	C4				
Coeruloplasmin	Ferritin	Haptoglobin				
Hemopexin	IGE	IgA				
IgG	IgM	Transferrine				
a1-Antitrypsine	a1-Glycoprotein	a2-Makroglobulin				
sTfR						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Cystatin C

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Plasmaproteins 03 – hsCRP

Samples: 2 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

hsCRP

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Blood Gas Analysis

Luppa / Schneider

161

Samples: 2 samples of 2.5 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Chloride	Creatinine	Glucose
Lactate	Magnesium	Potassium
Sodium	Urea	ionized Calcium
pCO ₂	pH	pO ₂

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Blood Gas Analysis – Haemoglobin

Dorn-Beineke / Nebe

162

Samples: 2 samples of 2.5 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Fraction CO-Hb	Fraction Met-Hb	Fraction O ₂ -Hb	Haemoglobin
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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Blood Gas Analysis OPTI Systems

Luppa / Schneider

163

Samples: 2 samples of 1.7 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Chloride	Haemoglobin	Lactate
Potassium	Sodium	Urea
ionized Calcium	pCO ₂	pH
pO ₂	sO ₂	

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples
 Sample properties: Plasma or whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Glucose

Point of Care Testing Systems

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Dry Chemistry 02 – POCT: Abaxis Piccolo System

Samples: 2 samples
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

AP	Albumin	Bilirubin
Bilirubin conj.	CK	Calcium
Chloride	Cholesterol	Creatinine
GGT	GOT (ASAT)	GPT (ALAT)
Glucose	HDL-cholesterol	LDH
LDL-cholesterol	Lactate	Magnesium
Phosphate	Potassium	Protein
Sodium	Triglycerides	Urea
Uric Acid	VLDL-cholesterol	alpha-Amylase
tCO2		

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Dry Chemistry 03 – POCT: Reflotron Systems

Samples: 2 samples
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

AP	Bilirubin	CK
Cholesterol	Creatinine	GGT
GOT (ASAT)	GPT (ALAT)	Glucose
HDL-cholesterol	Pancreas amylase	Potassium
Triglycerides	Urea	Uric Acid
alpha-Amylase		

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Trace Elements 02 (Plasma)

Kaiser / Kramer

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Samples: 2 samples of 5 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Aluminium Cobalt Iodine Platin	Arsenic Copper Iron Selenium	Cadmium Fluoride Manganese Zinc	Chromium Gold Nickel
	Mar. (2)		Oct. (6)
Registration deadline:	06.01.23		11.08.23
Sample shipment:	28.02.23		10.10.23
Closing date:	24.03.23		03.11.23

Trace Elements 03 (Serum)

Kaiser / Kramer

207

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Antimon Tin	Beryllium Vanadium	Bismuth	Molybdaen
	Mar. (2)		Oct. (6)
Registration deadline:	06.01.23		11.08.23
Sample shipment:	28.02.23		10.10.23
Closing date:	24.03.23		03.11.23

Trace Elements 04 (Whole Blood)

Kaiser / Kramer

208

Samples: 2 samples of 5 ml Sample properties: Lyophilised whole blood Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Antimon Cobalt Mercury	Arsenic Lead Nickel	Cadmium Magnesium Selenium	Chromium Manganese Zinc
	Mar. (2)		Oct. (6)
Registration deadline:	06.01.23		11.08.23
Sample shipment:	28.02.23		10.10.23
Closing date:	24.03.23		03.11.23

Tumor Markers

Holdenrieder / Peetz

292

Samples: 2 samples of 2 ml

Sample properties: Serum

Shipping information: Shipping at ambient temperature

Certificate validity: 6 months / 12 months

AFP	CA 125	CA 15-3	CA 19-9
CA 72-4	CEA	CYFRA 21-1	HE4
HER2/new	NSE	PSA, free	PSA, total
ROMA-Score	S100	SCC	TPA
TPS	Thyreoglobulin	beta-2-Microglobulin	hCG intact
hCG intact +beta-hCG free			

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Tumor Markers – Calcitonin/Pro-Gastrin-Releasing Peptide

Holdenrieder / Peetz

299

Samples: 2 samples of 1 ml

Sample properties: Serum

Shipping information: Shipping at ambient temperature

Certificate validity: 12 months

Calcitonin	Progastrin-releasing Peptide
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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Tumor Markers – PSA and Testosterone

Holdenrieder / Peetz

293

Samples: 2 samples

Sample properties: Serum

Shipping information: Shipping at ambient temperature

Certificate validity: 6 months / 12 months

PSA, free	PSA, total	Testosterone
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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Drugs of Abuse in Human Urine 01 (Qualitative + Quantitative)

Steimer / Niederau

174

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
Amphetamine (qualitative) Barbiturate-phenobarbiturate (qualitative) Benzoylcegonine (qualitative) Opiate / Morphin (qualitative)		Amphetamine (quantitative) Barbiturate-phenobarbiturate (quantitative) Benzoylcegonine (quantitative) Opiate / Morphin (quantitative)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Drugs of Abuse in Human Urine 02 (Qualitative + Quantitative)

Steimer / Niederau

176

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
(d-)Methamphetamine (quantitative) Buprenorphine (qualitative) LSD (qualitative) Methadone (qualitative)		(d-)Methamphetamine (qualitative) Buprenorphine (quantitative) LSD (quantitative) Methadone (quantitative)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Drugs of Abuse in Human Urine 03 (Qualitative + Quantitative)

Steimer / Niederau

177

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
Benzodiazepine Lorazepam (qualitative) EDDP (qualitative) MDMA (qualitative) delta-9-THC-COOH (qualitative)		Benzodiazepine Lorazepam (quantitative) EDDP (quantitative) MDMA (quantitative) delta-9-THC-COOH (quantitative)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Ethylglucuronid				
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Systematic Toxicological Analysis (STA)

Samples: 2 samples of 10 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months		
Chromatographic analysis with identification of the active substance (STA)		
No shipping outside Germany possible!		
From a list of 30 substances, the proof of 6 – 8 substances with chromatographic methods is required in both samples.		
Samples and evaluation by Reference Institute for Bioanalytics, Bonn. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!		
	May (3)	Sep. (5)
Registration deadline:	20.03.23	10.07.23
Sample shipment:	19.04.23	09.08.23
Closing date:	13.05.23	02.09.23

Trace Elements 01 (Urine)

Samples: 2 samples of 10 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Aluminium	Arsenic	Cadmium	Chromium
Cobalt	Copper	Fluoride	Iodine
Iron	Lead	Manganese	Mercury
Nickel	Selenium	Zinc	
	Mar. (2)		Oct. (6)
Registration deadline:	06.01.23		11.08.23
Sample shipment:	28.02.23		10.10.23
Closing date:	24.03.23		03.11.23

Urine Chemistry 01 (Qualitative)

Fried / Niederau

171

Samples: 2 samples of 10 ml Sample properties: Urine, liquid Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Albumin – Urine Glucose Protein specific gravity	Ascorbic acid Ketone bodies Urobilinogen	Bilirubin Leucocytes hCG	Erythrocytes Nitrite pH	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Urine Chemistry 02 (Quantitative)

Fried / Falck

173

Samples: 2 samples of 5 ml Sample properties: Urine lyophilised Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months						
Albumin – Urine Creatinine Osmolality Sodium alpha-Amylase	Calcium Glucose Phosphate Urea total Protein – Urine	Chloride Magnesium Potassium Uric Acid				
The proteins previously included in this group have been moved to the new group 182 Urine Protein Differentiation						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Urine Chemistry 03 (Biogene Amines)

Schneider / Lutz

175

Samples: 2 samples of 8 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
3-Methoxytyramine Epinephrine Norepinephrine Vanillylmandelic acid	5-Hydroxyindolea acid Homovanillic acid Normetanephrine	Dopamine Metanephrines Serotonin		
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 10 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Aminolaevulinic acid	Coproporphyrin 1	Coproporphyrin 3	
Coproporphyrin total	Heptaporphyrin	Hexaporphyrin	
Pentaporphyrin	Porphobilinogen	Porphyrins total	
Uroporphorin			
		May (3)	Oct. (6)
Registration deadline:	03.03.23		11.08.23
Sample shipment:	02.05.23		10.10.23
Closing date:	19.05.23		27.10.23

Samples: 2 samples of 5 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 12 months			
Aldosterone	Cortisol free	hCG intact	
		May (3)	Oct. (6)
Registration deadline:	03.03.23		11.08.23
Sample shipment:	02.05.23		10.10.23
Closing date:	19.05.23		27.10.23

Samples: Pictures Sample properties: Digital slides Shipping information: Shipping at ambient temperature Certificate validity: 24 months				
Sediment pictures Available online in digital microscopy! – No shipment!				
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	06.01.23	28.04.23	23.06.23	06.10.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples
 Sample properties: Urine lyophilised / liquid
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Albumin – Urine
 Retinol binding protein
 alpha-2-macroglobulin

Creatinine
 Transferrine
 beta-2-Microglobulin

IgG
 alpha-1-Microglobulin

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Vitamins 01 (Serum)

Niederau / Schellenberg

290

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
1,25-OH Cholecalciferol		25-OH CCF (Vitamin D)		
Biotin (Vitamin H)		Cobalamin (Vitamin B12)		
Folic acid		Holotranscobalamine		
Pantothenic acid (Vitamin B5)		Pyridoxal-5-phosphate (Vitamin B6)		
Retinol (Vitamin A)		Riboflavin (Vitamin B2)		
Thiamine total (Vitamin B1)		Tocopherol (Vitamin E)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Vitamins 02 (Whole Blood)

Niederau / Schellenberg

291

Samples: 2 samples of 2 ml haemolysates Sample properties: Lyophilised Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Flavine Adenine Dinucleotide (FAD)		Flavine mononucleotid (FMN)		
Pyridoxal-5-phosphate (Vitamin B6)		Riboflavin (Vitamin B2)		
Thiamine total (Vitamin B1)		Thiaminpyrophosphat (TPP)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 0.5 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Ascorbic acid (Vitamin C)				
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Methylmalonic acid				
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Bacterial Genome Detection

Bacterial Genome Detection – *Bordetella pertussis*

Reischl / Hiergeist

532

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of *Bordetella pertussis*

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacterial Genome Detection – *Borrelia burgdorferi*

Reischl / Fingerle

535

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of:
Borrelia burgdorferi

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacterial Genome Detection – Carbapenemase-Genes

Reischl / Anders

544

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Carbapenemases

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 1 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Chlamydia pneumoniae

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Chlamydia trachomatis

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Chlamydia trachomatis
 and Neisseria gonorrhoeae

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

<p>Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>PCR or other procedures for nucleic acid amplification/detection of Clostridium difficile toxin-genes</p>		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

<p>Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months / 12 months</p>		
<p>PCR or other procedures for nucleic acid amplification/detection of Coxiella burnetii and Bacillus anthracis</p>		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

<p>Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>PCR or other procedures for nucleic acid amplification/detection of EHEC / STEC</p>		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months / 12 months		
PCR or other procedures for nucleic acid amplification/detection of <i>Francisella tularensis</i> and <i>Brucella</i> spp.		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of <i>Helicobacter pylori</i>		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of <i>Legionella pneumophila</i>		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of Listeria spp.		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: Standardized stool samples Sample properties: Standardized stool samples – delivered with dry ice! Shipping Information: Cooled shipping Certificate validity: 12 months		
NGS-Analysis (next generation sequencing)		
	July (3)	
Registration deadline:	24.03.23	
Sample shipment:	23.05.23	
Closing date:	28.07.23	

Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of MRSA / cMRSA		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
Mycoplasma pneumoniae

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
Salmonella enterica

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of specific DNA: Selection of : Mycoplasma hominis, Mycoplasma genitalium, Ureaplasma parvum, Ureaplasma urealyticum, Trichomonas vaginalis, Gardnerella vaginalis, Treponema pallidum		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of Vancomycin resistant enterococci (VRE)		
	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacteriology (3 Samples)



Schlüter / Ziesing

411

Samples: 3 dry samples and 1 tube of a sterile nutrient solution 2 ml
 Sample properties: Lyophilized (strains) and liquid (bouillon)
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation, identification and susceptibility testing of fast-growing bacteria and accompanying bacterial flora of the urogenital tract, incl. yeasts
 Gram staining

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining when successful in this part.

Additional participation in EQA scheme No. 413 'Gram Stain' is not required.

Participants will be notified in advance in case the panel of tested antibiotics will be changed.

Ampicillin	Ampicillin/Sulbactam	Cefpodoximproxetil
Ceftazidim	Ciprofloxacin	Levofloxacin
Penicillin	Meropenem	Oxacillin
Trimethoprim/Sulfamethoxazol	Fosfomycintrometamol	Nitrofurantoin
Pivmecillinam	Nitroxolin	Gentamicin

	Jan. (1)	Apr. (3)	July (4)	Nov. (6)
Registration deadline:	18.11.22	27.01.23	05.05.23	08.09.23
Sample shipment:	17.01.23	28.03.23	04.07.23	07.11.23
Closing date:	27.01.23	07.04.23	14.07.23	17.11.23

Bacteriology (5 Samples)



Schlüter / Ziesing

412

Samples: 5 samples
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation, identification and susceptibility testing of:
 bacteria
 Gram staining

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining when successful in this part.

Additional participation in EQA scheme No. 413 'Gram Stain' is not required.

Participants will be notified in advance in case the panel of tested antibiotics will be changed.

Ampicillin	Cefotaxim	Ceftazidim
Cefuroxim	Ciprofloxacin	Erythromycin
Gentamicin High Level	Meropenem	Levofloxacin
Linezolid	Oxacillin	Penicillin
Piperacillin/Tazobactam	Trimethoprim/Sulfamethoxazol	Tobramycin
Vancomycin		

	Feb. (1)	Sep. (5)
Registration deadline:	09.12.22	07.07.23
Sample shipment:	07.02.23	05.09.23
Closing date:	17.02.23	15.09.23

Samples: 3 samples
Sample properties: Slides
Shipping Information: Shipping at ambient temperature
Certificate validity: 12 months

Gram staining

Participants of the EQA schemes in bacteriology No. 411 or 412 will get a certificate for gram staining if they are successful in this part.

	Mar. (2)	Oct. (6)
Registration deadline:	13.01.23	11.08.23
Sample shipment:	14.03.23	10.10.23
Closing date:	24.03.23	20.10.23

Infection Serology – *Bordetella pertussis* Antibodies

Hunfeld / N.N.

317

<p>Samples: 2 samples of 0.2 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 24 months</p> <p>For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.</p>	
<p>IgG (qualitative) IgA (qualitative) AB against <i>Bordetella pertussis</i> polyvalent (qualitative) AB against <i>Bordetella pertussis</i> polyvalent (semiquantitative) Diagnostic comment</p>	<p>IgG (semiquantitative) IgM (qualitative)</p>
	Nov. (6)
<p>Registration deadline: Sample shipment: Closing date:</p>	<p>25.08.23 24.10.23 10.11.23</p>

Infection Serology – *Borrelia burgdorferi* Antibodies

Hunfeld / N.N.

332

<p>Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months</p> <p>For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.</p>	
<p>Antikörper polyvalent (qualitative) IgG (qualitative) IgM (qualitative) Antikörper polyvalent – Blot IgM-Blot Diagnostic comment</p>	<p>Antikörper polyvalent (semiquantitative) IgG (semiquantitative) IgM (semiquantitative) IgG-Blot AB against <i>Treponema pallidum</i> (qualitative)</p>
	June (3)
	Nov. (6)
<p>Registration deadline: Sample shipment: Closing date:</p>	<p>24.03.23 23.05.23 09.06.23</p>
	<p>25.08.23 24.10.23 10.11.23</p>

Infection Serology – *Campylobacter* Antibodies

Hunfeld / N.N.

319

<p>Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months</p> <p>For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.</p>	
<p>Antibodies against campylobacter IgG (qualitative) IgA (semiquant)</p>	<p>IgG (semiquantitative) IgM (qualitative) IgA (qual) IgM (semiquantitative) IgA (semiquant) Diagnostic comment</p>
	June (3)
<p>Registration deadline: Sample shipment: Closing date:</p>	<p>24.03.23 23.05.23 09.06.23</p>

Infection Serology – Chlamydia pneumoniae (Chlamydothila) Antibodies

Hunfeld / N.N.

314

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

IgG (qualitative)	IgG (semiquantitative)
IgA (qualitative)	IgA (semiquantitative)
IgM (qualitative)	IgM (semiquantitative)
AB against Chlamydia pneumoniae polyvalent (qualitative)	
AB against Chlamydia pneumoniae polyvalent (semiquantitative)	
Diagnostic comment	

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – Chlamydia trachomatis Antibodies

Hunfeld / N.N.

312

Samples: 2 samples of 0.2 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

IgG (qualitative)	IgG (semiquantitative)	IgA (qualitative)	IgA (semiquantitative)
IgM (qualitative)		IgM (semiquantitative)	
AB against Chlamydia trachomatis polyvalent (qualitative)			
AB against Chlamydia trachomatis polyvalent (semiquantitative)			
Diagnostic comment			

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – Chlamydia trachomatis Direct Detection (ELISA / PCR)



Hunfeld / N.N.

313

Samples: 2 samples of 0.2 ml
 Sample properties: Urine
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Direct detection of Chlamydia trachomatis antigen (ELISA, PCR)	Diagnostic comment
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	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infectious material, UN3373, biological substances category B.

Samples: 2 slides Sample properties: Slides Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
Direct detection of Chlamydia trachomatis antigen (dir. IFA)		Diagnostic comment
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 24 months		
For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.		
AB against Coxiella burnetii – Phase I (qualitative) AB against Coxiella burnetii – Phase I (semiquantitative) AB against Coxiella burnetii – Phase II (qualitative) AB against Coxiella burnetii – Phase II (semiquantitative) AB against Coxiella burnetii IgG – Phase I (qualitative) AB against Coxiella burnetii IgG – Phase I (semiquantitative) AB against Coxiella burnetii IgG – Phase II (qualitative) AB against Coxiella burnetii IgG – Phase II (semiquantitative) IgA (qualitativ) IgM (qualitative) Diagnostic comment		
		Nov. (6)
Registration deadline:		25.08.23
Sample shipment:		24.10.23
Closing date:		10.11.23

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
AB against Diphtherie toxoid (qualitative) AB against Diphtherie toxoid (semiquantitative) Diagnostic comment		
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

<p>Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months</p> <p>For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.</p>		
IgG (qualitative) IgA (qualitative) Diagnostic comment	IgG (semiquantitative) IgA (semiquantitative)	
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

<p>Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 24 months</p> <p>For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.</p>		
IgG (qualitative) IgG (semiquantitative) IgA (qualitative) IgM (qualitative) AB against <i>Mycoplasma pneumoniae</i> polyvalent (qualitative) AB against <i>Mycoplasma pneumoniae</i> polyvalent (semiquantitative) Diagnostic comment		
		Nov. (6)
Registration deadline:		25.08.23
Sample shipment:		24.10.23
Closing date:		10.11.23

<p>Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months</p>		
Procalcitonin (qualitative) Procalcitonin (quantitative)	Procalcitonin (semi-quantitative) Diagnostic comments	
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 6 months				
Rheumatoid factor (RF) (qualitative) Rheumatoid factor (RF) (semi-quantitative)				
	Jan. (1)	June (3)	Sep. (5)	Nov. (6)
Registration deadline:	18.11.22	24.03.23	23.06.23	25.08.23
Sample shipment:	10.01.23	23.05.23	22.08.23	24.10.23
Closing date:	27.01.23	09.06.23	08.09.23	10.11.23

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
AB against Salmonella typhi, O-Antigen (qualitative) AB against Salmonella typhi, O-Antigen (semiquantitative) AB against Salmonella typhi, OH-Antigen (qualitative) AB against Salmonella typhi, OH-Antigen (semiquantitative) AB against Salmonella enteritidis, OH-Antigen (qualitative) AB against Salmonella enteritidis, OH-Antigen (semiquantitative) AB against Salmonella typhimurium, OH-Antigen (qualitative) AB against Salmonella paratyphi B, OH-Antigen (qualitative) AB against Salmonella paratyphi B, OH-Antigen (semiquantitative) AB against Salmonella Gruppe A, O-Antigen (qualitative) AB against Salmonella Gruppe A, O-Antigen (semiquantitative) AB against Salmonella Gruppe B, O-Antigen (qualitative) AB against Salmonella Gruppe B, O-Antigen (semiquantitative) AB against Salmonella Gruppe C, O-Antigen (qualitative) AB against Salmonella Gruppe C, O-Antigen (semiquantitative) AB against Salmonella polyvalent (qualitative) AB against Salmonella IgA (qualitative) Diagnostic comment		
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
anti-streptolysin O (ASO) (qualitative) anti-streptolysin O (ASO) (semi-quantitative) anti-streptodornase (aDNase) (qualitative) anti-streptodornase (aDNase) (semi-quantitative)		
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
AB against Tetanus toxoid (qualitative) Diagnostic comment	AB against Tetanus toxoid (semiquantitative)	
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months / 12 months		
For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.		
TPHA (qualitative) TPPA (qualitative) Antibodies against Treponema pallidum IgG (semiquantitative) IgG – Immunoblot FTA-Abs IgG (qualitative) FTA-Abs IgM (qualitative) AB against Cardiolipin (qualitative) Diagnostic comment	TPHA (semiquantitative) TPPA (semiquantitative) IgG (qualitative) IgM (qualitative) IgM – Immunoblot FTA-Abs IgG (semiquantitative) FTA-Abs IgM (semiquantitative) AB against Cardiolipin (semiquantitative)	
	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.		
AB against Yersinia enterocolitica O3 (qualitative) AB against Yersinia enterocolitica O3 (semiquantitative) AB against Yersinia enterocolitica O9 (qualitative) AB against Yersinia enterocolitica O9 (semiquantitative) AB against Yersinia pseudotuberculosis (qualitative) AB against Yersinia pseudotuberculosis (semiquantitative) IgG (qualitative) IgA (qualitative) Diagnostic comment	IgG (semiquantitative) IgM (qualitative)	
	June (3)	
Registration deadline:	24.03.23	
Sample shipment:	23.05.23	
Closing date:	09.06.23	

Mycology 01 (Mucorales, Yeasts, Coelomycetes, Hyphomycetes, Basidiomycetes)



Haase / Geißdörfer / Schoerner

490

Samples: 5 samples
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation and species identification of fungi (yeasts, yeast-like fungi, hyphomycetes) occurring as the causative organism in case of mycosis of the mucosa, mycosis of the organs (deep-seated mycosis), systemic mycosis or mycosis acquired after trauma, as well as fungal contaminants present in human specimens. Furthermore, interpretation of the result should be performed (to some extent) within the framework of the provided information.

	Feb. (1)	Oct. (5)
Registration deadline:	18.11.22	21.07.23
Sample shipment:	17.01.23	19.09.23
Closing date:	10.02.23	13.10.23

Mycology 02 (Dermatophytes, Yeasts, Mould Fungus)



Gräser / Nenoff / Haase

491

Samples: 4 samples
 Sample properties: Living cultures
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Differentiation of Dermatophytes, Yeasts and Moulds

Living strains of causative agents or contaminants will be sent, that had been isolated from patients with skin mycoses or mucosal fungal infections.

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	14.07.23
Sample shipment:	14.03.23	12.09.23
Closing date:	28.04.23	27.10.23

Samples: 2 samples
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

Candida IgA Candida antigen	Candida IgG Candida total AB	Candida IgM
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	Feb. (1)	Oct. (5)
Registration deadline:	18.11.22	21.07.23
Sample shipment:	17.01.23	19.09.23
Closing date:	03.02.23	06.10.23



Samples: 2 samples
 Sample properties: Serum or CSF
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Detection of *Cryptococcus neoformans* / *Cryptococcus gattii* Antigen

	Feb. (1)	Oct. (5)
Registration deadline:	18.11.22	21.07.23
Sample shipment:	17.01.23	19.09.23
Closing date:	03.02.23	06.10.23

Detection of Toxoplasma DNA (PCR)

Hörauf / Hübner

457

Samples: 4 samples
 Sample properties: Stabilized amniotic fluid (and/or EDTA blood), buffer
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Toxoplasma gondii (DNA) – qualitative

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Parasite Microscopy (Blood)

Tannich / N.N. / Hörauf / Hübner

456

Samples: 2 samples
 Sample properties: Thin blood smear and/or thick blood smear
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Blood parasites – specification

In March and September: Prof. Hörauf, Bonn; in May and October: Prof. Tannich, Hamburg

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Parasite Microscopy (Stool)

Tannich / N.N.

451

Samples: 2 samples
 Sample properties: Fecal suspension or fecal smear
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Stool parasites – specification

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples variable volumes Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate validity: 24 months		
Antibodies against Echinococcus	Antibodies against Entamoeba histolytica	
		Oct. (6)
Registration deadline:		11.08.23
Sample shipment:		10.10.23
Closing date:		27.10.23

Samples: 2 samples variable volumes Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.		
Antibodies against Plasmodium	Antibodies against Schistosoma	
		May (3)
Registration deadline:	03.03.23	
Sample shipment:	02.05.23	
Closing date:	19.05.23	

Samples: 2 samples variable volumes Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate validity: 12 months		
For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested. A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.		
Antibodies against Toxoplasma gondii		
	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Fungal Genome Detection – *Pneumocystis jirovecii*

Reischl / Parcina

560

Samples: 1 set = 4 samples of 0.3 ml

Sample properties: Lyophilised

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Genome Detection of Dermatophytes



Gräser / Nenoff

492

Samples: 1 set = 4 samples

Sample properties: Lyophilised

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	14.07.23
Sample shipment:	14.03.23	12.09.23
Closing date:	07.04.23	06.10.23

**Mycobacteria diagnostics 01 –
Drug Susceptibility Testing of Nontuberculous Mycobacteria**


Hillemann / Andres

427

Samples: 5 samples
 Sample properties: Nontuberculous mycobacteria
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Susceptibility Testing of Nontuberculous Mycobacteria

	May (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	12.05.23	03.11.23

Mycobacteriology 01 – Microscopy


Hillemann / Andres

421

Samples: 6 samples
 Sample properties: Microscopic slides
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Microscopic Detection of Mycobacteria

	Apr. (2)	Oct. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	07.04.23	29.09.23

Mycobacteriology 02 – Culture


Hillemann / Andres

422

Samples: 5 samples
 Sample properties: Sputum specimens
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation of Mycobacteria
Differentiation of tuberculosis bacteria

	June (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	02.06.23	24.11.23



Samples: 5 samples
 Sample properties: Mycobacterial strains
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Identification of Mycobacteria

	May (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	12.05.23	03.11.23



Samples: 5 samples
 Sample properties: Sputum specimens
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Nucleic Acid Amplification of Mycobacteria

	Apr. (2)	Oct. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	07.04.23	29.09.23



Samples: 5 samples
 Sample properties: Mycobacterium tuberculosis complex strains for phenotypic resistance testing (incl. second-line drugs)
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Susceptibility Testing of Tuberculosis Bacteria

Each registration for this group must confirm that the test is performed in a laboratory with security level S3 and with appropriately qualified personnel.

	May (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	12.05.23	03.11.23



Samples: 5 samples
 Sample properties: Mycobacterium tuberculosis complex strains for molecular resistance testing
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Susceptibility Testing of Tuberculosis Bacteria

	Apr. (2)	Oct. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	28.04.23	20.10.23

INFORMATION ON VIRUS DIAGNOSTICS

The INSTAND EQA schemes in virology are carried out in scientific cooperation with the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten (DVV e.V.), Gesellschaft für Virologie (GfV e.V.) and Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM e.V.). Cooperation partners are amongst others: Laboratories participating in the Joint Diagnostic Council of DVV and GfV, Robert Koch-Institut, Paul-Ehrlich-Institut, Friedrich-Loeffler-Institut, Bernhard-Nocht-Institut, Reference Laboratories incl. National and International Reference Centers and National Consiliary Laboratories and Blood Transfusion Service of German Red Cross (DRK-Blutspendedienst Ost). INSTAND expert laboratories are involved in the precharacterization of the EQA samples and are available with their expertise to help solve any problems that may arise during the evaluation of the respective EQA programs.

Information for 2023:

(for details please see www.instand-ev.de -> EQAS and EQAS Online)

General remarks on the INSTAND EQA schemes in virus diagnostics

Please note that the samples of the respective EQA scheme are suitable for applying more than one method for the corresponding parameter.

Example: EQA scheme "Virus Immunology - HIV-1 / HIV-2 (335)" - The 4 samples of the sample set of the EQA scheme (335) can be analyzed on virus specific antibodies by different methods such as ELISA, ChLIA and other methods. The results of the respective method should be stated for all 4 samples of the sample set. The results reported for the different methods will be displayed in the participation document "listing and evaluation of the results".

EQA schemes for SARS-CoV-2 diagnostics in 2023

In coordination with the Joint Diagnostic Council of DVV and GfV, INSTAND has introduced the following EQA schemes for SARS-CoV-2 diagnostics.

(416) Virus Immunology – SARS-CoV-2 (Ab)

The participants receive defined sample panels with sera from whole blood or with patient plasma (not recalcified). Each panel member contains patient serum or patient plasma from one individual donor only.

(340) Virus Genome Detection – Coronaviruses incl. SARS-CoV-2 (with variants of concern)

Participating at this EQA scheme gives the option for differentiation between SARS-CoV-2, MERS CoV and other human coronaviruses (samples which contain the SARS-CoV-2 and MERS CoV, respectively, are inactivated).

(409) Virus Genome Detection – SARS-CoV-2 (with variants of concern)

For laboratories that only carry out genome detection of SARS-CoV-2, INSTAND e.V. offers the EQA 409.

(417) Virus Genome Detection – SARS-CoV-2 VOC Analysis

This EQA scheme is used for the determination and differentiation of SARS-CoV-2 Variants of Concern (VOC) by sequencing or point mutation analysis.

(431) Virus genome detection – respiratory virus panel 1 for multiplex tests

(432) Virus genome detection – respiratory virus panel 2 for multiplex tests

The EQA schemes for virus genome detection of respiratory viruses for multiplex tests, virus panel 1 (431) and virus panel 2 (432), will additionally contain SARS-CoV-2 (inactivated).

(410) Virus Antigen Detection – SARS-CoV-2 (Ag)

This EQA scheme is suitable for rapid tests or automated immunoassays for the detection of SARS-CoV-2 antigen.

EQA scheme for monkeypox virus diagnostic in 2023

Based on the experience of the first INSTAND EQA scheme for monkeypox virus genome detection in September 2022 and depending on the epidemiological progress of monkeypox virus infections, INSTAND is prepared to perform these EQA schemes in 2023, if necessary. Information on this will be communicated on the INSTAND homepage in due course.

Virus Antigen Detection – SARS-CoV-2 (Ag)



Zeichhardt / Kammel

410

Samples: 5 samples of 0.5 ml

Sample properties: Lyophilized cell culture supernatants

Shipping information: Shipping at ambient temperature

Certificate validity: 12 months

The sample set contains defined samples with antigen from SARS-CoV-2 (inactivated) and, if necessary, samples with antigen from human coronaviruses (not inactivated, risk group 2).

The samples are suitable for rapid tests and automated immunoassays for the detection of SARS-CoV-2 antigen.

Cooperation with:

Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Detection (Genome/Antigen) –
Influenza A and B Viruses incl. Avian Influenza A Viruses

Zeichhardt / Kammel

370

Samples: 6 samples of 1.1 ml

Sample properties: Lyophilised cell culture lysates and allantoic fluids, respectively

Shipping information: Shipping at ambient temperature

Certificate validity: 12 months

This program may be completed with currently circulating influenza viruses.

Please note: these EQA samples are not suitable for virus propagation and immune fluorescence tests for antigen detection. Some of the samples can contain chemically inactivated avian influenza A viruses.

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for influenza A and B viruses and antigen testing

Option for typing of seasonal and avian influenza A viruses

Cooperation with:

Nationales Referenzzentrum für Influenza, Robert Koch-Institut, Berlin;
Friedrich-Loeffler-Institut, Bundesforschungsinstitut für Tiergesundheit,
Nationales Referenzlabor für Aviäre Influenza, Insel Riems

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	Mar. (2)	Nov. (6)
Registration deadline:	13.01.23	08.09.23
Sample shipment:	14.03.23	07.11.23
Closing date:	31.03.23	24.11.23



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for RSV RNA and RSV antigen testing		
Cooperation with: Institut für Virologie und Immunbiologie, Universität Würzburg; Institut für Virologie, Universitätsklinikum Düsseldorf; Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for adenovirus DNA Determination of species of adenovirus Typing of adenovirus		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma and suspensions of urine, respectively Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for BK virus DNA		
Cooperation with: Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln		
	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

<p>Samples: 4 samples of 1.1 ml* or 0.5 ml** Sample properties: *Lyophilised cell culture lysates (inactivated) or ** lyophilised RNA eluate Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Bornaviruses – RNA</p> <p>Cooperation with: Friedrich-Loeffler-Institut, Bundesforschungsinstitut für Tiergesundheit, Institut für Virusdiagnostik, Insel Riems</p>		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

<p>Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively (inactivated) Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CHIKV RNA</p> <p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg</p> <p>Note for laboratories from non-EU countries:</p> <p>The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!</p> <p>Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 6 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for SARS-CoV-2-RNA, MERS-CoV-RNA and other human coronavirus RNA

Option for differentiation between SARS-CoV-2, MERS-CoV and other human coronaviruses (samples which contain SARS-CoV-2 and MERS-CoV, respectively, are inactivated)

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Cytomegalovirus Program 2 – additional Training Program (can only be ordered with program 365)



Zeichhardt / Kammel

368

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (368) can only be ordered together with the corresponding main EQA scheme (365) for March.

Separate certificates will be issued for the training program (368) and the main EQA scheme (365, subject to RiliBÄK-B3).

Cooperation with:
 Nationale Konsiliarlabore für Cytomegalievirus (CMV):
 Institut für Virologie, Universitätsklinikum Ulm;
 Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen

Mar. (2)

Registration deadline: 13.01.23
 Sample shipment: 14.03.23
 Closing date: 31.03.23

Virus Genome Detection – Cytomegalovirus Resistance Determination



Zeichhardt / Kammel

349

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for CMV resistance determination

Cooperation with:
 Nationale Konsiliarlabore für Cytomegalievirus (CMV):
 Institut für Virologie, Universitätsklinikum Ulm;
 Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen

Oct. (5)

Registration deadline: 30.06.23
 Sample shipment: 29.08.23
 Closing date: 06.10.23

<p>Samples: 4 samples of 1.1 ml (inactivated) Sample properties: Lyophilised plasma and cell culture lysates, respectively Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for denguevirus RNA Typing of denguevirus</p> <p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



<p>Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for enterovirus RNA Typing of enterovirus</p>		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



<p>Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for EBV DNA</p>		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – Gastrointestinal Virus Panel for Multiplex Tests



Zeichhardt / Kammel

430

Samples: 3 samples of 1.1 ml
Sample properties: Lyophilised suspension of feces and cell culture lysates, respectively
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of gastrointestinal adeno, astro, entero, noro, parecho, rota and sapoviruses, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.

Please note:

Only results of multiplex tests will be accepted for EQA scheme 430

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – Hepatitis A Virus



Zeichhardt / Kammel

377

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HAV RNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Hepatitis B Virus Genotyping



Zeichhardt / Kammel

396

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) incl. sequencing for HBV genotyping

Cooperation with:
Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen;
WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

	Nov. (6)
Registration deadline:	08.09.23
Sample shipment:	07.11.23
Closing date:	24.11.23

! Infectious material, UN3373, biological substances category B.



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Hepatitis B Virus Program 2 – additional Training Program (can only be ordered with program 361)



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA	
The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.	
The training program (378) can only be ordered together with the corresponding main EQA scheme (361) for March.	
Separate certificates will be issued for the training program (378) and the main EQA scheme (361, subject to RiliBÄK-B3).	
Cooperation with: Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen	
	Mar. (2)
Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23

Virus Genome Detection – Hepatitis B Virus Resistance Determination



Samples: 4 samples à 0,1ml* or 1,1ml** Sample properties: *Plasmids in water and **lyophilised plasma, respectively Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HBV resistance determination	
Cooperation with: Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen	
	Oct. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23



Samples: 3-4 samples of 1.1 ml
 Sample properties: Lyophilised sera and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV geno- and subtype differentiation

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Medizinisches Infektiologiezentrum Berlin;
 Institut für Virologie, Universitätsklinikum Essen

Sep. (5)

Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	15.09.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (379) can only be ordered together with the corresponding main EQA scheme (362) for March.

Separate certificates will be issued for the training program (379) and the main EQA scheme (362, subject to RiliBÄK-B3).

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie, Universitätsklinikum Essen

Mar. (2)

Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23

Virus Genome Detection – Hepatitis C Virus Resistance Determination



Zeichhardt / Kammel

399

Samples: 2-3 samples of 0.5 ml
 Sample properties: Sera and plasma, respectively (non-lyophilized)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HCV resistance determination

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Medizinisches Infektiologiezentrum Berlin;
 Institut für Virologie, Universitätsklinikum Essen

Oct. (5)

Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23

Virus Genome Detection – Hepatitis D Virus



Zeichhardt / Kammel

400

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HDV RNA

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen;
 WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

Mar. (2)

Sep. (5)

Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Virus Genome Detection – Hepatitis E Virus



Zeichhardt / Kammel

380

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised sera, plasma and suspension of feces, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HEV RNA

Cooperation with:
 Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV), Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg

Mar. (2)

June (4)

Sep. (5)

Nov. (6)

Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 6 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for differentiation of HSV 1 and HSV 2 DNA

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – HIV-1 (RNA) Program 2 – additional Training Program (can only be ordered with program 360)



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (382) can only be ordered together with the corresponding main EQA scheme (360) for March.

Separate certificates will be issued for the training program (382) and the main EQA scheme (360, subject to RiliBÄK-B3).

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)
Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – HIV-1 Drug Resistance Determination – Standard Program for Protease and Reverse Transcriptase Inhibitors

Samples: 4 samples of 1.1 ml* or 0,1ml** Sample properties: *Plasma and **Plasmids in water, respectively (non-lyophilized) Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
Please note: The samples will contain plasmids and heat-inactivated cell culture supernatant viruses respectively!	
Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of protease inhibitors and reverse transcriptase inhibitors	
Cooperation with: Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München; IMD Labor Frankfurt; Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main; Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen; Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln; Medizinisches Infektiologiezentrum Berlin	
	Oct. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23

Virus Genome Detection – HIV-1 Drug Resistance Determination – additional Program for Integrase Inhibitors and Tropism Determination

Samples: 2 samples of 1.1 ml Sample properties: Plasma (non-lyophilised) Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
Please note: The samples will contain heat-inactivated cell culture supernatant viruses!	
Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of integrase inhibitors and determination of tropism	
Cooperation with: Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München; IMD Labor Frankfurt; Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main; Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen; Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln; Medizinisches Infektiologiezentrum Berlin	
	Oct. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and sera, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-2 (RNA)

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 6 (HHV-6) – DNA

Cooperation with:
 Institut für Virologie, Universitätsklinikum Düsseldorf

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 8 (HHV-8) – DNA

Cooperation with:
 Institut für Virologie, Medizinische Hochschule Hannover

	Mar. (2)
Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23



<p>Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human metapneumovirus RNA</p> <p>Cooperation with: Institut für Virologie, Universitätsklinikum Düsseldorf; Institut für Virologie und Immunbiologie, Universität Würzburg; Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin</p>		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



<p>Samples: 5 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates and biopsy materials, respectively Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and hybridization for HPV DNA Differentiation of ,high risk' and ,low risk' types, and typing of ,high risk' HPV and ,low risk' HPV</p> <p>Cooperation with: Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln</p>		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



<p>Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HRV RNA Typing of human rhinovirus</p> <p>Cooperation with: Institut für Virologie, Universitätsklinikum Düsseldorf; Institut für Virologie und Immunbiologie, Universität Würzburg; Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin</p>		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and suspensions of urine, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for JC virus DNA

Cooperation with:
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for measles virus RNA
 Typing of measles virus

Cooperation with:
 Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin

	July (4)	Dec. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	14.07.23	08.12.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for mumps virus RNA
 Typing of mumps virus

Cooperation with:
 Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin;
 Institut für Virologie, Universität Leipzig

	July (4)	Dec. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	14.07.23	08.12.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised suspension of feces
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for norovirus RNA with the option for differentiation in genogroup I and II

Cooperation with:
 Nationales Konsiliarlabor für Noroviren, Robert Koch-Institut, Berlin;
 Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV),
 Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg;
 Institut für Virologie, Medizinische Hochschule Hannover

	Mar. (2)	Nov. (6)
Registration deadline:	13.01.23	08.09.23
Sample shipment:	14.03.23	07.11.23
Closing date:	31.03.23	24.11.23

Virus Genome Detection – Panel for Viral Meningitis / Encephalitis for Multiplex Tests



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of adenoviruses, cytomegalovirus, enteroviruses, Epstein Barr virus, herpes simplex virus type 1, herpes simplex virus type 2, human herpesvirus 6, parechovirus and varicella zoster virus, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.

Please note:
Only results of multiplex tests will be accepted for EQA scheme 433

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parainfluenza virus RNA Typing of parainfluenza virus		
Cooperation with: Institut für Virologie, Universitätsklinikum Düsseldorf; Institut für Virologie und Immunbiologie, Universität Würzburg; Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin		
	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Parechovirus (RNA)		
Cooperation with: Nationales Referenzzentrum für Poliomyelitis und Enteroviren, Robert Koch-Institut, Berlin		
	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parvovirus B19 DNA				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Samples: 4 samples of 1.1 ml Sample properties: Lyophilised samples (inactivated, vaccine) Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rabies virus RNA	
Cooperation with: Nationales Konsiliarlaboratorium für Tollwut, Institut für Virologie, Universitätsklinikum Essen	
Note for laboratories from non-EU countries: The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!	
Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.	
	Sep. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	15.09.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of respiratory adeno, boca, corona, entero, human metapneumo, human rhino, influenza A and B viruses incl. avian influenza A viruses, parecho, parainfluenza, respiratory syncytial viruses (groups A and B) and SARS-CoV-2 (inactivated), respectively.

This program will be completed with currently circulating virus variants.

Some of the samples can contain chemically inactivated avian influenza A viruses.

The requirements of the RilibÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.

Please note:

Only results of multiplex tests will be accepted for EQA scheme 431

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of influenza A and B viruses incl. avian influenza A viruses, respiratory syncytial viruses (groups A and B) and SARS-CoV-2 (inactivated).

This program will be completed with currently circulating virus variants.

Some of the samples can contain chemically inactivated avian influenza A viruses.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

Please note:
Only results of multiplex tests will be accepted for EQA scheme 432

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised suspension of feces
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rotavirus RNA
 Typing of rotavirus

Cooperation with:
 Nationales Konsiliarlabor für Rotaviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rubella virus RNA
 Typing of rubella virus

Cooperation with:
 Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin

	July (4)	Dec. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	14.07.23	08.12.23



Samples: 5 samples of 1.1 ml
 Sample properties: Lyophilised cell culture supernatants
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

The sample set contains defined samples with SARS-CoV-2 (full virus, inactivated) and, if necessary, samples with human coronaviruses (not inactivated, risk group 2).

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for SARS-CoV-2

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

! Infectious material, UN3373, biological substances category B.

Samples: 3-5 samples of 1.1 ml Sample properties: Lyophilized cell culture supernatants (inactivated) Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Determination and differentiation of SARS-CoV-2 Variants of Concern (VOC) by sequencing or point mutation analysis Cooperation with: Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin; Medizinisches Infektiologiezentrum Berlin; Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main; Abt. Methodenentwicklung und Forschungsinfrastruktur, Robert Koch-Institut, Berlin				
	Apr. (2)	July (4)	Sep. (5)	Dec. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	14.04.23	14.07.23	29.09.23	08.12.23

Virus Genome Detection – Torque Teno Virus (TTV)



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Torque teno virus (TTV) DNA Cooperation with: Institut für Virologie, Uniklinik Köln	
	Sep. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	15.09.23

Virus Genome Detection – Varicella Zoster Virus



Samples: 4 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for VZV DNA		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 6 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively (inactivated)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for West Nile virus RNA
 Typing of West Nile virus (Lineage determination)

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates respectively (inactivated)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Zika virus RNA
 Typing of Zika virus (Lineage determination)

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Virus Immunology – Borna Viruses (Ab)

Zeichhardt / Kammel

415

<p>Samples: 10 samples of 100 µl Sample properties: Serum and plasma, respectively Shipping information: Shipping at ambient temperature Certificate validity: 24 months</p>	
<p>Anti-borna virus IgG</p> <p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research, Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg</p>	
June (4)	
Registration deadline:	14.04.23
Sample shipment:	13.06.23
Closing date:	30.06.23

Virus Immunology – Chikungunya Virus (Ab)

Zeichhardt / Kammel

402

<p>Samples: 4 samples of 0.3 ml Sample properties: Serum (inactivated in case of Chikungunya virus RNA positive samples) Shipping information: Shipping at ambient temperature Certificate validity: 24 months</p>		
Anti-CHIKV IgG	Anti-CHIKV IgG – avidity	Anti-CHIKV IgM
<p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg</p>		
Sep. (5)		
Registration deadline:	30.06.23	
Sample shipment:	29.08.23	
Closing date:	15.09.23	

Virus Immunology – Cytomegalovirus (Ab)



Zeichhardt / Kammel

351

<p>Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months</p>				
Anti-CMV IgG	Anti-CMV IgG – avidity	Anti-CMV IgM		
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Samples: 4 samples of 0.3 ml Sample properties: Serum (inactivated in case of dengue virus RNA positive samples) Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-dengue virus IgG clinical interpretation	Anti-dengue virus IgM	dengue virus-NS1 Ag
Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg		
	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 2 samples of 0.6 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Antibodies against EBV with and without differentiation of antigen specificity (incl. avidity) and heterophilic antibodies clinical interpretation		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 4 samples of 0.5 ml Sample properties: Serum (inactivated in case of Hantavirus RNA positive samples) Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Antibodies against hantaviruses (IgG and IgM) and differentiation of serotype specific antibodies Status of hantavirus infection		
Cooperation with: Nationales Konsiliarlabor für Hantaviren, Charité – Universitätsmedizin Berlin, Campus Mitte, Institut für Virologie, Berlin		
	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Anti-HAV IgG / Anti-HAV totalAnti-HAV IgM				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Immunology – Hepatitis B Virus Program 1 (HBsAg, Anti-HBs, Anti-HBc)



Samples: 12 samples Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
HBsAg (1 ml) Anti-HBc (0.75 ml)	Confirmation test HBsAg	Anti-HBs (0.75 ml)		
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Immunology – Hepatitis B Virus Program 2 (Anti-HBc-IgM, HBeAg, Anti-HBe)



Samples: 6 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Anti-HBc IgM	HBeAg	Anti-HBe		
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 4 samples of 0.5 ml
 Sample properties: Serum and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Screening test anti-HCV and combined detection anti-HCV and HCV antigen
 HCV antigen
 Complementary test (blot) anti-HCV

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 2 samples of 0.5 ml
 Sample properties: Serum and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-HDV IgG / Anti-HDV total

Anti-HDV IgM

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-HEV IgG

Anti-HEV IgM

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-HSV 1/2 IgG Anti-HSV 1 IgG – avidity Anti-HSV 1/2 IgM	Anti-HSV 1/2 IgG – avidity Anti-HSV 2 IgG Anti-HSV 1 IgM	Anti-HSV 1 IgG Anti-HSV 2 IgG – avidity Anti-HSV 2 IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 2 samples of 0.75 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
HIV-1 p24 Ag	HIV-1 p24 Ag Confirmation test			
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 4 samples of 0.75 ml Sample properties: Serum and plasma, respectively Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Screening test anti-HIV-1 / anti-HIV-2 (3rd and 4th Generation) Confirmation test (blot and other confirmatory test) anti-HIV-1 / anti-HIV-2 Confirmation test (blot and other confirmatory test) anti-HIV-1 Confirmation test (blot and other confirmatory test) anti-HIV-2				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 4 samples of 0.5 ml Sample properties: Serum and plasma, respectively Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Screening test anti-HTLV-1 / anti-HTLV-2 Confirmation test (Blot and other confirmation test) anti-HTLV-1 / anti-HTLV-2		
Cooperation with: Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München; Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen		
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-measles virus IgG	Anti-measles virus IgG – avidity	Anti-measles virus IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-mumps virus IgG	Anti-mumps virus IgG – avidity	Anti-mumps virus IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 0.5 ml Sample properties: Serum and plasma, respectively Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-parvovirus B19 IgG	Anti-parvovirus B19 IgG – avidity	Anti-parvovirus B19 IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 2 samples of 0.5 ml Sample properties: Serum and plasma, respectively (vaccinee) Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
Anti-rabies Virus Cooperation with: Nationales Konsiliärlabor für Tollwut, Institut für Virologie, Universitätsklinikum Essen	
	Sep. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	15.09.23




Samples: 2 samples of 0.8 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-rubella virus IgG	Anti-rubella virus IgG – avidity	Anti-rubella virus IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 4 samples of 0.5 ml Sample properties: native patient serum or patient plasma (not re-calcified) Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Each panel member contains patient serum or patient plasma from one individual donor only.				
Anti-SARS-CoV-2 total (without differentiation of IgG, IgA and IgM) Anti-SARS-CoV-2 IgG Anti-SARS-CoV-2 IgG avidity Anti-SARS-CoV-2 IgA Anti-SARS-CoV-2 IgM (not certified) Anti-SARS-CoV-2 Surrogate neutralizing antibodies				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-TBE/FSME virus IgG	Anti-TBE/FSME virus IgG – avidity	Anti-TBE/FSME virus IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months		
Anti-VZV IgG	Anti-VZV IgG – avidity	Anti-VZV IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

 Infectious material, UN3373, biological substances category B.

Samples: 2 samples of 0.3 ml Sample properties: Serum (inactivated in case of Zika virus RNA positive samples) Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
Anti-ZIKV IgG	Anti-ZIKV IgG – avidity	Anti-ZIKV IgM
Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg		
		Sep. (5)
Registration deadline:		30.06.23
Sample shipment:		29.08.23
Closing date:		15.09.23

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(d-)Methamphetamine (urine) (176)..... 99

1

1-39 ACTH (298)..... 71
 1-84 PTH (301)..... 71
 1,25-OH Cholecalciferol (serum) (290)..... 104
 10-OH-Carbamazepine (192, 860)..... 82, 87
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