



Quality assurance in medical laboratory

Surveys 2025

Reference Institut for Bioanalytics
Accredited to DIN EN ISO/IEC 17043

www.rfb.bio



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Editorial

Dear participant,
and those interested,

The guideline of the German Medical Association (Rili-BÄK) and the EU regulation for in vitro diagnostics (IVDR) pose challenges for laboratories and manufacturers, especially with regard to quality assurance. Surveys are an important support for your efforts to meet the highest quality requirements in terms of the best possible patient care and offer transparent comparison options for measurement methods.

As an External Quality Assurance (EQA) provider we are accredited in accordance with DIN EN ISO/IEC 17043. This accreditation was confirmed again by the DAkkS in April 2024. At the same time, it was again confirmed that we fulfil the requirements for an EQA scheme provider as set out in the current version of the Rili-BÄK.

We are therefore delighted that we have been able to further expand our range of survey schemes for 2025, which reached approx. 130,000 participations from more than 50 countries in 2023. The news are listed at a glance under 'Topics'.

Furthermore, based on the results of our recent the results of our recent customer survey and the

meeting of our scientific meeting of our scientific advisory board, we will also be carrying out new pilot ring trials in the coming year, which will then be transferred to regular operation.

We will of course also continue to improve and expand our service. This will include improving our availability, increasing our presence at trade fairs and relaunching our website in order to provide more targeted and service-orientated information and respond to enquiries.

Our new logo, which symbolises our modern orientation and our commitment to innovation, can be found on the relevant communication channels, which now also include social media. We have also set ourselves the goal of strengthening our international presence and further expanding our services worldwide.

We have stood for the highest quality standards in our interlaboratory comparisons for several decades and want to ensure that you always benefit from the latest developments and requirements. Your active participation and support are invaluable to us. We would like to thank you very much for this, both in the past and in the future. We look forward to working with you in the interests of high-quality patient care.



Gunther Schabio



Dr. Anja Kessler



Calibration laboratories of RfB

The Reference Institute for Bioanalytics runs two of the few German calibration laboratories for clinical measurands at the Hanover and Cologne sites. The RfB calibration laboratories are accredited by the German Accreditation Body (DAkkS) in accordance with the international standards ISO 15195 and ISO/IEC 17025. All reference measurement procedures used comply with the requirements of the guideline of the German Medical Association. Both, the reference measurement procedures and the services offered are listed internationally by the Joint Committee for Traceability in Laboratory Medicine (JCTLM).

Service:

On the one hand, the calibration laboratories determine reference measurement procedure values that are used as target values in the control materials for external quality control of the RfB. In this way, they make a significant contribution to testing the analytical quality of routine clinical

chemistry laboratory procedures.

Secondly, for external customers in the IVD industry, there is the possibility to determine reference measurement procedure values. Especially for the verification of metrological traceability in terms of the IVD-R, we offer the certification of calibrators, control materials and patient samples and provide assistance on the subject of calibration concepts.

Analysis spectrum:

Since the development of the first reference measurement procedures for the determination of hormones over 40 years ago, our calibration laboratories have been continuously expanding the range of measurands. Currently, the range includes a total of 35 analytes in the areas of electrolytes, metabolites and substrates, enzymes, hormones, pharmaceuticals as well as proteins (see table on the next page).

For further information, please use the following contact options:

General inquiries:
info@spmd-rfb.de

Specific requests to the calibration laboratories:



Cologne

Mrs. Dr. Caroline Stobe
calibrationlab1_info@spmd-rfb.de



Hanover

Mr. Dr. Denis Grote-Koska
calibrationlab2_info@spmd-rfb.de



Services of the RfB calibration laboratories

Analyt	Matrices	Measurement range
17-Hydroxyprogesterone	Serum, plasma	1 – 2500 nmol L-1
α -Amylase (AMY)	Serum, plasma	0,058 – 12,0 μ kat L-1
Alanine aminotransferase (ALT)	Serum, plasma	0,072 – 4,75 μ kat L-1
Aldosterone	Serum, plasma	0,05 – 3,5 nmol L-1
Alkaline phosphatase (ALP)	Serum, plasma	0,092 – 11,3 μ kat L-1
Aspartate aminotransferase (AST)	Serum, plasma	0,040 – 4,17 μ kat L-1
Bilirubin	Serum, plasma	5 – 525 μ mol L-1
Calcium	Serum, plasma, urine	0,4 – 8 mmol L-1
Chloride	Serum, plasma, urine	50 – 290 mmol L-1
Cholesterol	Serum, plasma	1 – 10 mmol L-1
Cortisol	Serum, plasma	10 – 2000 nmol L-1
Creatinine	Serum, plasma	50 – 1000 μ mol L-1
Creatinine	Urine	0,4 – 40 mmol L-1
Creatine kinase (CK)	Serum, plasma	0,155 – 24,33 μ kat L-1
Digitoxin	Serum, plasma	0,5 – 100 nmol L-1
Digoxin	Serum, plasma	0,1 – 40 nmol L-1
Oestradiol (E2)	Serum, plasma	0,01 – 7,5 nmol L-1
Oestriol (E3)	Serum, plasma	1 – 500 nmol L-1
Glucose	Serum, plasma, urine, blood, CSF	0,5 – 25 mmol L-1
Haemoglobin	Blood	20 – 300 g L-1
Uric acid	Serum, plasma	50 – 1000 μ mol L-1
Uric acid	Urine	0,1 – 10 mmol L-1
Urea	Serum, plasma	0,5 – 50 mmol L-1
Urea	Urine	0,5 – 1000 mmol L-1
HbA1c	Whole blood, haemolysate	29 – 150 mmol L-1
Potassium	Serum, plasma, urine	0,75 – 75 mmol L-1
Lactate dehydrogenase (LDH)	Serum, plasma	0,145 – 10 μ kat L-1
Lithium	Serum, plasma, urine	0,05 – 5 mmol L-1
Magnesium	Serum, plasma, urine	0,1 – 4 mmol L-1
Sodium	Serum, plasma, urine	5 – 200 mmol L-1
Progesterone	Serum, plasma	0,1 – 100 nmol L-1
Protein (total)	Serum, plasma	10 – 120 g L-1
Testosterone	Serum, plasma	1 – 50 nmol L-1
Theophylline	Serum, plasma	0,75 – 50 mg L-1
Thyroxine (T4)	Serum, plasma	20 – 350 nmol L-1
Triglycerides (total)	Serum, plasma	0,5 – 20 mmol L-1
Triiodo-L-thyronine (T3)	Serum, plasma	0,5 – 8 nmol L-1
γ -Glutamyltransferase (GGT)	Serum, plasma	0,032 – 4,58 μ kat L-1



Topics

In our current program, we have sorted the survey schemes as follows:

- Quantitative determinations
- Qualitative determinations
- Direct detection of pathogens
- Ejaculate investigation
- Molecular- and cytogenetic investigations

Within the individual chapters, the survey schemes are listed alphabetically

In 2025, we will offer the following new surveys/analytes:

B1

AK Therapeutic drug monitoringpage 10

Set 2 of the survey was supplemented by the analyte paracetamol.

EG Ethylglucuronidepage 15

The analyte cotinin will no longer be offered in the future.

IG Serum proteinspage 19

The survey was supplemented by the analytes IgG1, IgG2, IgG3, IgG4.

TH Thrombophilie-Screeningpage 28

The ADAMTS-13 - III analyte will be offered twice a year in future.

B3

DermPCR (Genome evidence of dermatophytes) page 48

UrinAg (Urine antigen evidence)page 54

Antigen detection of Legionella pneumophila (Set1) and Streptococcus pneumoniae (Set2).

Advice and instructions concerning the processes for registration and ordering are described on page 9.

If you have any questions concerning External Quality Assessment or our brochure

please call: **+49 228 926895-0**

or send us an e-mail: **info@spmd-rfb.de**

Reference Institute for Bioanalytics is a special purpose operation of the non-profit foundation "Stiftung für Pathobiochemie und Molekulare Diagnostik" and designs and organizes surveys for External Quality Assurance on their behalf and on nomination by the German Medical Association.

Please note the currently valid General Terms and Conditions of the Foundation for Pathobiochemistry and Molecular Diagnostics for participation in surveys, of the Reference Institute for Bioanalytics for surveys.



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14	DD	D-Dimer
14	DT	CD Transferrin
15	EG	Ethylglucuronide
15	ET	Ethanol
15	FD	Faeces diagnostics
16	GH	Glycated hemoglobin
16	GL	Glucose („wet“ and „POCT/dry chemistry“) (special offer for small laboratories)
17	GR	Coagulation
17	HA	Hematology - Full blood count
18	HB	Hemoglobin and Hematocrit
18	HM	Hormones - group 1
19	HP	Hormones - group 2
19	IG	Serum proteins
20	IS	Immunophenotyping
20	KL	Clinical chemical analytes in cerebrospinal fluid (CSF)
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29	TM	Tumor markers group 1
29	TMX	Tumor markers group 2
30	TR	Clinical chemical analytes in serum „dry chemistry“
30	VT	Vitamins and analgesics
31	ZL	Cell count in cerebrospinal fluid (CSF)
31	ZY	Cytokines

Qualitative determinations

10	AI	Antinuclear antibodies
32	AL	Allergology
33	BorrBimm	Anti-Borrelia burgdorferi
33	CMVimm	CMV serology
34	DF	Hematology - Differential blood count
34	DS	Drug screening in urine
35	EBVimm	Epstein-Barr-Virus serology
35	HAVimm	HAV serology
35	HBVimm1	HBV serology Minor
36	HBVimm2	HBV serology Major
36	HCVimm	HCV serology
36	HerpVimm	Herpes viruses serology
37	HIVimm	HIV serology
37	HS	Urinary calculus
37	HTLVimm	Human T-lymphotropic virus
38	IA	Immunohematology automated
38	IH	Immunohematology Major (extended offer)
39	IM	Immunohematology Minor (basic program)
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39	MaMulimm	Morbilli and mumps serology
40	OB	Oligoclonal bands in cerebrospinal fluid (CSF)
40	pvB19imm	pvB19 serology
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47	CoVag	Evidence of SARS-CoV-2 antigen
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48	CrypCand	Cryptococcus neoformans and candida albicans antigen
48	DermPCR	Genome evidence of Dermatophyten
49	GP	Gram-staining
49	HEVpcr	Hepatitis E virus
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50	MMRpcr	Genome evidence measles, mumps, rubella
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50	MRSAscre	MRSA screening
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52	PolyVir1	Genome evidence group 1
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54	UrinAg	Urine antigen evidence
54	VREscre	VRE screening

Ejaculate investigation

55	EJ	Semen (cooperation with the German society of andrology and their quality control organization QuaDeGa)
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Molecular- and cytogenetic investigation

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Internet / homepage / e-mail

Our website address is: **www.rfb.bio**

Open to all interested people, you can find there:

- Information about our current survey program,
- Evaluations of our surveys (target values, statistics, youdenplots, comments on the evaluation etc.),
- information about the surveys and the Reference Institute for Bioanalytics.

Registered online users have (after login) additional options to handle the participation process:

- Online ordering/cancellation,
- Online data entry.
- PDF retrieval of:
 - Protocol of the input of results,
 - Certificates/evaluations,
 - Annual summary in terms of,
 - orders,
 - certificates,
 - correctness of findings.
- E-mail notifications for evaluated surveys with direct links to individual evaluations.
- Reminder e-mails for close survey deadlines.
- Convenient management of multiple participation numbers by “fast user switching” with reduced login effort.
- Summary over finished surveys per year with:
 - passed / not rated / not passed analytes,
 - download of complete evaluation/certificates,
 - comment function.

To register:

- Please use the corresponding link on our homepage: “New participant?”
- Already online registered participants can register on our homepage via the link: “Password forgotten?” to request a new password at any time.
- For any questions or comments, please contact us via e-mail: **info@spmd-rfb.de**



How to order surveys / fees / invoice / notes

Contract type

RfB offers two different types of contracts for participating in the surveys.

➤ Contract type A - subscription

If you choose contract type A, then your individual order will automatically be renewed annually as long as you do not cancel subscription.

➤ Contract type B - yearly order

If you choose contract type B, you will get the ordered surveys within one calendar year. To receive further surveys for the following year, a new order will be necessary.

➤ Information for application

It is possible to choose either contract type A (permanent subscription) or contract type B (yearly order) for each survey scheme individually. Participants from Europe, with the exception of Germany, are requested to specify their VAT (value added tax) number.

➤ Ordering

Surveys of RfB can be ordered on our website www.rfb.bio, or by using the form for the survey TH - Thrombophilia provided in this program. This is possible at any time up to the application deadline of the survey.

➤ Changes of orders

For both types of contracts, any changes of orders are possible up to the application deadline of the corresponding survey. Together with this program for the next year, you will receive an overview of the surveys you already have ordered. This overview could also be used for an order confirmation or changes in your orders.

Fees and invoice

The prices for each survey can be found in the description of the survey scheme in this booklet. These prices are net prices, all deliveries via parcel service are charged separately.

The invoice is issued after completion of the corresponding survey and includes the net price, and plus the applicable VAT. Shipping costs, taxes, and duties are billed separately. Payments can only be made by bank transfer or direct debit.

Notes

Some parts of the survey (packing/data transfer) can be subcontracted from time to time. When subcontracting occurs, it is in cooperation with a competent subcontractor, and the RfB is responsible for this work.

Parts of survey evaluations may be used for publications, making note of the origin.

The terms and conditions of participation are published at www.rfb.bio/agb-en.pdf and can be sent on request.



Quantitative determinations

AD - Automatic differential count

Survey	Application deadline	Sample dispatch date	survey period from	to
AD1/25	25.11.24	15.01.25	16.01.25	22.01.25
AD2/25	14.04.25	14.05.25	15.05.25	21.05.25
AD3/25	23.06.25	23.07.25	24.07.25	30.07.25
AD4/25	06.10.25	05.11.25	06.11.25	12.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	43,50 €
	37,50 €

► **Sample material**

blood, liquid, 2 samples each 1 ml

► **Analytes**

differential count of the leukocytes with automatic systems - **not intended for use overseas**

neutroph. gran.	tosinoph. gran.	thrombocytes, opt.
lymphocytes	basophilie gran.	thrombocytes, imp.
monocytes	MXD	thrombocytes, flour.

► **Information**

The samples have only a very limited stability.

AK - Therapeutic drug monitoring

Survey	Application deadline	Sample dispatch date	survey period from	to
AK1/25	18.11.24	07.01.25	13.01.25	25.01.25
AK2/25	17.03.25	15.04.25	21.04.25	03.05.25
AK3/25	26.05.25	24.06.25	30.06.25	12.07.25
AK4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	62,00 €	41,50 €
set 2	53,00 €	41,50 €
set 3	39,50 €	25,00 €
set 1 + 2	100,00 €	
set 1 + 3	86,50 €	
set 2 + 3	77,50 €	
set 1 + 2 + 3	139,50 €	

► **Sample material**

serum, lyophilized
set 1: 2 samples each 3 ml
set 2: 2 samples each 3 ml
set 3: 2 samples each 2 ml

► **Analytes**

set 1		set 2		set 3
carbamazepine	phenytoin	amikacin		ampicillin
digoxin	primidone	caffeine		cefepime
ethosuximide	theophylline	digitoxin		ceftazidime
lithium	valproic acid	gentamycin		linezolid
phenobarbital		methotrexate		meropenem
		paracetamol		piperacillin
		tobramycin		sulbactam
		vancomycin		tazobactam



AM - Ammonia

Survey	Application deadline	Sample dispatch date	survey period from	to
AM1/25	18.11.24	07.01.25	13.01.25	25.01.25
AM2/25	24.02.25	25.03.25	31.03.25	12.04.25
AM3/25	26.05.25	24.06.25	30.06.25	12.07.25
AM4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	36,00 €
	18,00 €

► **Sample material**

serum or control, liquid, 2 samples each 1-3 ml (depending on the manufacturer of samples)

► **Analyte**

ammonia

AS - Asparaginase

Survey	Application deadline	Sample dispatch date	survey period from	to
AS1/25	17.03.25	08.04.25	14.04.25	03.05.25
AS2/25	15.09.25	07.10.25	13.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	125,00 €
	60,00 €

► **Sample material**

Serum, lyophilised, 3x2 samples with 1 ml each

► **Analyte**

Erwinia Asparaginase

E.coli Asparaginase

PEG-E.coli Asparaginase

BF - Body fluid

Survey	Application deadline	Sample dispatch date	survey period from	to
BF1/25	09.12.24	28.01.25	29.01.25	05.02.25
BF2/25	03.03.25	01.04.25	02.04.25	09.04.25
BF3/25	09.06.25	08.07.25	09.07.25	16.07.25
BF4/25	08.09.25	07.10.25	08.10.25	15.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	74,50 €
	51,00 €

► **Sample material**

Point Preparation, liquid, 2 samples each 2 ml

► **Analyses**

erythrocyte count

leukocyte count

► **Information**

For the automatic differential count of the leukocytes please order the survey AD.



BG - Blood gas

Survey	Application deadline	Sample dispatch date	survey period from	to
BG1/25	25.11.24	14.01.25	20.01.25	01.02.25
BG2/25	03.03.25	01.04.25	07.04.25	19.04.25
BG3/25	16.06.25	15.07.25	21.07.25	02.08.25
BG4/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

	49,50 €
each additional required pair of samples	28,50 €

► Sample material

gas equilibrated solution, liquid, 2 ampoules each 2,5 ml

► Analytes

pH	calcium, ionized	lactate	sodium
pCO ₂	chloride	lithium	urea
pO ₂	creatinine	magnesium	
	glucose	potassium	

BI - Neonatal bilirubin

Survey	Application deadline	Sample dispatch date	survey period from	to
BI1/25	09.12.24	28.01.25	03.02.25	15.02.25
BI2/25	17.03.25	15.04.25	21.04.25	03.05.25
BI3/25	02.06.25	01.07.25	07.07.25	19.07.25
BI4/25	25.08.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

	48,50 €
each additional required pair of samples	32,00 €

► Sample material

serum, lyophilized, 2 samples each 2 ml

► Analytes

bilirubin, total	bilirubin, direct	bilirubin, unconjugated
		bilirubin, indirect

► Information

These specimens contain concentrations of bilirubin, which are characteristic in neonatology.



CM - Cardiac markers

Survey	Application deadline	Sample dispatch date	survey period from	to
CM1/25	09.12.24	28.01.25	03.02.25	15.02.25
CM2/25	17.03.25	15.04.25	21.04.25	03.05.25
CM3/25	02.06.25	01.07.25	07.07.25	19.07.25
CM4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	61,00 €	39,00 €
set 2	38,50 €	31,00 €
set 1 and set 2	92,50 €	

► Sample material

serum, lyophilized serum, lyophilized
set 1: 2 samples each 2 ml
set 2: 2 samples each 1 ml
If you only order set 2, you will only receive samples for the determination of BNP.

► Analytes

set 1	set 2
CK-MB mass + activity myoglobin	NT-proBNP cardiac troponin I

cardiac troponin T test strips

CMX - Cardiac markers in whole blood

Survey	Application deadline	Sample dispatch date	survey period from	to
CMX1/25	25.11.24	14.01.25	16.01.25	22.01.25
CMX2/25	14.04.25	13.05.25	15.05.25	21.05.25
CMX3/25	23.06.25	22.07.25	24.07.25	30.07.25
CMX4/25	06.10.25	04.11.25	06.11.25	12.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	55,00 € 34,00 €
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► Sample material

whole blood, liquid, 2 samples each 1 ml

► Analytes

NT-proBNP	cardiac troponin I	cardiac troponin T
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CS - Immunosuppressives

Survey	Application deadline	Sample dispatch date	survey period from	to
CS1/25	06.01.25	04.02.25	05.02.25	15.02.25
CS2/25	21.07.25	19.08.25	20.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	50,00 €	34,50 €
set 2	40,00 €	17,00 €
set 1 and set 2	70,50 €	

► Sample material

hemolyzed blood set 1: 4 samples each 1,5 ml
hemolyzed blood set 2: 2 samples each 1,5 ml

► Analytes

set 1	set 2
cyclosporine	everolimus
sirolimus	
tacrolimus	

DD - D-Dimer

Survey	Application deadline	Sample dispatch date	survey period from	to
DD1/25	02.12.24	21.01.25	27.01.25	08.02.25
DD2/25	24.03.25	22.04.25	28.04.25	10.05.25
DD3/25	09.06.25	08.07.25	14.07.25	26.07.25
DD4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	47,00 €
	26,50 €

► Sample material

plasma, lyophilized, 2 samples each 1 ml

► Analyte

quantitative: D-dimer	qualitative: D-dimer
D-dimer (FEU)	

DT - CD Transferrin

Survey	Application deadline	Sample dispatch date	survey period from	to
DT1/25	27.01.25	25.02.25	03.03.25	22.03.25
DT2/25	07.07.25	05.08.25	11.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	55,50 €
	37,00 €

► Sample material

serum, lyophilized, 2 samples each 0,5 ml

► Analyte

CDT (Carbohydrate Deficient Transferrin)



EG - Ethylglucuronide

Survey	Application deadline	Sample dispatch date	survey period from	to
EG1/25	10.03.25	08.04.25	14.04.25	26.04.25
EG2/25	11.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	40,00 €
	25,00 €

► Sample material

urine, lyophilized, 2 samples each 1 ml

► Analyte

Ethylglucuronide

ET - Ethanol

Survey	Application deadline	Sample dispatch date	survey period from	to
ET1/25	02.12.24	21.01.25	27.01.25	08.02.25
ET2/25	17.03.25	15.04.25	21.04.25	03.05.25
ET3/25	16.06.25	15.07.25	21.07.25	02.08.25
ET4/25	08.09.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	45,00 €
	22,50 €

► Sample material

serum, liquid, 2 samples each 2 ml

► Analyte

ethanol

FD - Faeces diagnostics

Survey	Application deadline	Sample dispatch date	survey period from	to
FD1/25	24.02.25	20.05.25	26.05.25	07.06.25
FD2/25	21.07.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results

1-2	53,00 €
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3-4	89,50 €
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each additional required pair of samples	52,00 €
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► Sample material

stool, lyophilized, 2 samples each 0,2 ml

► Analytes

Hemoglobin iFOBT assay (quantitative, qualitative)
Hemoglobin / haptoglobin complex (quantitative, qualitative)

Pancrat. Elastase -1 (quantitative, qualitative)
Calprotectin (quantitative, qualitative)



GH - Glycated hemoglobin

Survey	Application deadline	Sample dispatch date	survey period from	to
GH1/25	02.12.24	21.01.25	22.01.25	28.01.25
GH2/25	31.03.25	29.04.25	30.04.25	07.05.25
GH3/25	09.06.25	08.07.25	09.07.25	16.07.25
GH4/25	22.09.25	21.10.25	22.10.25	29.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	53,00 €
	37,50 €

► **Sample material**

full blood or hemolysate, 2 samples each 0,3 ml

► **Analytes**

HbA1c

GL - Glucose (wet and POCT/dry chemistry)

Survey	Application deadline	Sample dispatch date	survey period from	to
GL1/25	18.11.24	07.01.25	13.01.25	25.01.25
GL2/25	17.02.25	18.03.25	24.03.25	05.04.25
GL3/25	19.05.25	17.06.25	23.06.25	05.07.25
GL4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	33,50 €
	19,50 €

► **Sample material**

serum, lyophilized, 2 samples each 2 ml

If special blood specimens are available, we will use them instead of serum.

► **Analyte**

glucose

► **Information**

The survey „Glucose“ is offered to laboratories that determine glucose only. If further clinical chemistry analytes are to be determined, participation in a „Clinical chemical analytes in serum“ survey is suggested (KS or TR). This survey is especially recommended for laboratories and practices using glucose measuring instruments, which operate on the basis of pre-portioned reagents (Unit-use) (e. g. Accuchek, Accutrend, Ascensia Elite, HemoCue etc.).



GR - Coagulation

Survey	Application deadline	Sample dispatch date	survey period from	to
GR1/25	02.12.24	21.01.25	27.01.25	08.02.25
GR2/25	24.03.25	22.04.25	28.04.25	10.05.25
GR3/25	09.06.25	08.07.25	14.07.25	26.07.25
GR4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results 1-5	63,00 €
each additional 5 pairs of analytical results	9,00 €
each additional required pair of samples	37,50 €

► Sample material

plasma, lyophilized, 2 samples each 1 ml

► Analytes

antithrombin III (AT III), activity	factor II	factor X
fibrinogen	factor V	factor XI
INR	factor VII	factor XII
prothrombin time (PT, Quick)	factor VIII	factor XIII
activated partial thromboplastin time (aPTT)	factor IX	
thrombin time		

HA - Hematology - Full blood count

Survey	Application deadline	Sample dispatch date	survey period from	to
HA1/25	09.12.24	28.01.25	29.01.25	05.02.25
HA2/25	03.03.25	01.04.25	02.04.25	09.04.25
HA3/25	09.06.25	08.07.25	09.07.25	16.07.25
HA4/25	08.09.25	07.10.25	08.10.25	15.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	52,00 €
	39,00 €

► Sample material

prepared blood, liquid, 2 samples each 2,5 ml

► Analytes

erythrocyte count	leukocyte count	MCV
hematocrit (packed cell volume)	MCH	platelet count
hemoglobin	MCHC	

► Information

For the automatic differential count of the leukocytes, please order the survey AD.
These samples can not be used for the investigation with QBC systems.



HB - Hemoglobin and Hematocrit

Survey	Application deadline	Sample dispatch date	survey period from	to
HB1/25	09.12.24	28.01.25	29.01.25	05.02.25
HB2/25	03.03.25	01.04.25	02.04.25	09.04.25
HB3/25	09.06.25	08.07.25	09.07.25	16.07.25
HB4/25	08.09.25	07.10.25	08.10.25	15.10.25

€ Fee for each survey, net prices plus VAT

	46,00 €
	each additional required pair of samples
	33,00 €

► **Sample material**

prepared blood, liquid, 2 samples each 2 ml

► **Analytes**

hematocrit	hemoglobin
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HM - Hormones - Group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
HM1/25	18.11.24	07.01.25	13.01.25	01.02.25
HM2/25	24.02.25	25.03.25	31.03.25	19.04.25
HM3/25	19.05.25	17.06.25	23.06.25	12.07.25
HM4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

	evaluation pair analytical results
	1-4
	55,00 €
	each additional 4 pairs analytical results
	5,00 €
	each additional required pair of samples
	36,00 €

► **Sample material**

serum, lyophilized, 2 samples each 3 ml

► **Analytes**

aldosterone	estradiol-17 β	17-OH-progesterone	T3, free	T4, total
cortisol	ferritin	TBG	T3, total	TSH
DHEA-S	progesterone	testosterone	T4, free	



HP - Hormones - Group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
HP1/25	18.11.24	07.01.25	13.01.25	01.02.25
HP2/25	24.02.25	25.03.25	31.03.25	19.04.25
HP3/25	19.05.25	17.06.25	23.06.25	12.07.25
HP4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results		
1-2		39,00 €
each additional 4 pairs of analytical results		5,00 €
each additional required pair of samples		25,50 €

► **Sample material**

serum, lyophilized, 2 samples each 3 ml

► **Analytes**

ferritin	IGFBP-3	prolactin
folic acid	insulin	renin / renin-activity
FSH	LH	SHBG
hGH (somatotropin/growth hormone)	parathyroid hormone, intact (PTH)	vitamin B ₁₂
IGF-1	parathyroid hormone, bio-intact (PTH 1-84)	

IG - Serum proteins

Survey	Application deadline	Sample dispatch date	survey period from	to
IG1/25	02.12.24	21.01.25	27.01.25	08.02.25
IG2/25	10.03.25	08.04.25	14.04.25	26.04.25
IG3/25	26.05.25	24.06.25	30.06.25	12.07.25
IG4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results		
1-2		49,00 €
each additional 4 pairs analytical results		5,00 €
each additional required pair of samples		36,00 €

► **Sample material**

serum, liquid, 2 samples each 1 ml

► **Analytes**

albumin	cystatin C	sol. transferrin	IgG
α1-antitrypsin	C3 complement	receptor	IgG1
α1-glycoprotein	C4 complemen	IgA	IgG2
coeruloplasmin	haptoglobin t	IgE	IgG3
CRP	prealbumin	IgM	IgG4
CRP qualitative	transferrin		



IS - Immunophenotyping (flow cytometry)

Survey	Application deadline	Sample dispatch date	survey period from	to
IS1/25	20.01.25	17.02.25	18.02.25	20.02.25
IS2/25	04.08.25	01.09.25	02.09.25	04.09.25

€ Fee for each survey, net prices plus VAT

	47,00 €
	each additional required pair of samples
	30,00 €

► **Sample material**

prepared blood samples, liquid, 2 samples with different analyte concentrations each about 2 ml

► **Analytes**

B-cells	NK-cells	T-suppressor cells
leukocyte count	T-cells	HLA-B *27
lymphocyte count	T-helper cells	

► **Information**

The samples have only a very limited stability.

KL - Clinical chemical analytes in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
KL1/25	25.11.24	14.01.25	20.01.25	01.02.25
KL2/25	17.02.25	18.03.25	24.03.25	05.04.25
KL3/25	19.05.25	17.06.25	23.06.25	05.07.25
KL4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

	49,00 €
	each additional required pair of samples
	26,50 €

► **Sample material**

CSF, lyophilized serum, lyophilized	2 samples each 3 ml
	2 samples each 1 ml

► **Analytes**

albumin	IgG	quotients
total protein	IgA	indices
glucose	IgM	diagnoses
lactate		

► **Information**

The additional serum samples serve to calculate the corresponding quotients.



KS - Clinical chemical analytes in serum „wet chemistry“

Survey	Application deadline	Sample dispatch date	survey period from	to
KS1/25	18.11.24	07.01.25	13.01.25	18.01.25
KS2/25	13.01.25	11.02.25	17.02.25	22.02.25
KS3/25	24.02.25	25.03.25	31.03.25	05.04.25
KS4/25	07.04.25	06.05.25	12.05.25	17.05.25
KS5/25	26.05.25	24.06.25	30.06.25	05.07.25
KS6/25	07.07.25	05.08.25	11.08.25	16.08.25
KS7/25	25.08.25	23.09.25	29.09.25	04.10.25
KS8/25	06.10.25	04.11.25	10.11.25	15.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results	1-8	48,00 €
each additional 4 pairs analytical results		4,50 €
each additional required pair of samples		26,50 €

► Sample material

serum, lyophilized, 2 samples each 5 ml

► Analytes

α -amylase	CK, creatine kinase	lipase
α -HBDH, lactate dehydrogenase-1-isoenzyme	iron	lithium
albumin (chem.)	γ -globulin (electrophoresis)	magnesium
albumin (elektrophoresis)	γ -GT, L- γ -glutamyl-transferase	sodium
alkaline phosphatase	protein, total	osmolality
ALT, alanine aminotransferase (GPT)	GLDH, glutamate	pancreatic amylase
AST, aspartate aminotransferase (GOT)	dehydrogenase	phosphorus, inorganic
bilirubin, direct	glucose	acid phosphatase, total
bilirubin, total	uric acid	acid phosphatase, prostate (only enzyme activity)
calcium	urea	triglycerides
calcium, ionized	potassium	
chloride	creatinine	
cholesterol	copper	
cholinesterase	lactate	
	LDH, lactate dehydrogenase	



KU - Clinical chemical analytes in urine

Survey	Application deadline	Sample dispatch date	survey period from	to
KU1/25	25.11.24	14.01.25	20.01.25	01.02.25
KU2/25	17.02.25	18.03.25	24.03.25	05.04.25
KU3/25	19.05.25	17.06.25	23.06.25	05.07.25
KU4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

46,00 €
each additional required pair of samples 30,00 €

► **Sample material**

urine, lyophilized, 2 samples each 5 ml

► **Analytes**

albumin	urea	Test strip	
α1-microglobulin	IgG	bilirubin	nitrite
α2-macroglobulin	potassium	ketone	specific gravity
calcium, total	creatinine	pH	urobilinogen
chloride	magnesium	protein	
citrate	sodium	glucose	
protein, total	osmolality	hemoglobin	
glucose	oxalate	leukocytes	
uric acid	phosphorus, inorganic	microalbumin	

► **Information**

The test for pregnancy from urine will be offered in a separate survey. Please see at KUST.
A diagnosis of proteinuria can also be given. Clinical information will be available.

LP - Lipoproteins

Survey	Application deadline	Sample dispatch date	survey period from	to
LP1/25	09.12.24	28.01.25	03.02.25	15.02.25
LP2/25	17.03.25	15.04.25	21.04.25	03.05.25
LP3/25	02.06.25	01.07.25	07.07.25	19.07.25
LP4/25	25.08.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

54,00 €
each additional required pair of samples 33,50 €

► **Sample material**

serum, lyophilized, 2 samples each 3 ml

► **Analytes**

apolipoproteins (A, B)	homocysteine	lipoprotein(a)
cholesterol	LDL	triglycerides
HDL		



NBS - Newborn screening

Survey	Application deadline	Sample dispatch date	survey period from	to
NBS1/25	09.12.24	28.01.25	03.02.25	22.02.25
NBS2/25	03.03.25	01.04.25	07.04.25	26.04.25
NBS3/25	26.05.25	24.06.25	30.06.25	19.07.25
NBS4/25	18.08.25	16.09.25	22.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

	50,00 €
each additional required pair of samples	31,50 €

► Sample material

filter papers, each with 2 dried blood spots

► Analytes

TSH
17-OH-progesterone
IRT
PAP

OH - Hemoglobin derivates

Survey	Application deadline	Sample dispatch date	survey period from	to
OH1/25	25.11.24	14.01.25	20.01.25	01.02.25
OH2/25	03.03.25	01.04.25	07.04.25	19.04.25
OH3/25	16.06.25	15.07.25	21.07.25	02.08.25
OH4/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

	42,00 €
each additional required pair of samples	24,50 €

► Sample material

hemolysate, 2 samples each 0,5 ml

► Analytes

hemoglobin (total)	carboxyhemoglobin (COHb)
oxyhemoglobin (HbO ₂)	methemoglobin (metHb)

OS - Bone metabolism

Survey	Application deadline	Sample dispatch date	survey period from	to
OS1/25	10.03.25	08.04.25	14.04.25	26.04.25
OS2/25	28.07.25	26.08.25	01.09.25	13.09.25

€ Fee for each survey, net prices plus VAT

	102,00 €
each additional required pair of samples	59,00 €

► Sample material

serum, lyophilized, 2 samples each 2 ml

► Analytes

osteocalcin	CTx (CrossLaps)
bone specific alkaline phosphatase (BAP)	P1NP



PH - Photometer control

Survey	Application deadline	Sample dispatch date	survey period from	to
PH1/25	09.12.24	28.01.25	03.02.25	15.02.25
PH2/25	21.07.25	19.08.25	25.08.25	06.09.25

€ **Fee for each survey, net prices plus VAT**

each additional required pair of samples **34,50 €**
25,00 €

► **Sample material**

watery coloured solutions, 6 ampoules each 10 ml

► **Wave lengths**

260 nm	340 nm	546 nm
280 nm	365 / 366 nm	560 nm
334 nm	405 nm	

► **Information**

The participant measures the absorption of the coloured solutions.

The survey is an instrument control and can also aid in detecting the smaller inaccuracies of a photometer before they are identified in analyses results.

Only the wavelengths listed can be tested.

RE - Reticulocytes

Survey	Application deadline	Sample dispatch date	survey period from	to
RE1/25	09.12.24	28.01.25	29.01.25	05.02.25
RE2/25	03.03.25	01.04.25	02.04.25	09.04.25
RE3/25	09.06.25	08.07.25	09.07.25	16.07.25
RE4/25	08.09.25	07.10.25	08.10.25	15.10.25

€ **Fee for each survey, net prices plus VAT**

each additional required pair of samples **63,00 €**
45,00 €

► **Sample material**

blood preparation, liquid, 2 samples each about 1 ml

► **Analyte**

reticulocyte count

► **Information**

The samples can be used for counting by visual microscopy or by automated cell counting.



RF - Rheumatoid factors

Survey	Application deadline	Sample dispatch date	survey period from	to
RF1/25	13.01.25	11.02.25	17.02.25	01.03.25
RF2/25	31.03.25	29.04.25	05.05.25	17.05.25
RF3/25	23.06.25	22.07.25	28.07.25	09.08.25
RF4/25	25.08.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	43,00 €	25,00 €
set 2	29,00 €	22,00 €
set 1 and set 2	61,50 €	

► Sample material

serum, lyophilized, 2 samples each 1 ml

► Analytes

set 1

rheumatoid factors
anti-CCP-Ab (anti-cyclic citrullinated peptide antibodies)
IgA-RF
IgG-RF
IgM-RF
set 2
anti-streptolysin O

qualitative and quantitative

qualitative and quantitative

SA - Thyroid antibodies

Survey	Application deadline	Sample dispatch date	survey period from	to
SA1/25	02.12.24	25.02.25	03.03.25	15.03.25
SA2/25	05.05.25	29.07.25	04.08.25	16.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	61,00 €
	45,50 €

► Sample material

serum, lyophilized, 2 samples each 1 ml

► Analytes

TSH-R Ab: thyrotropin-receptor antibodies (TR Ab)
TPO Ab: thyroid peroxidase antibodies (TPO Ab)
TG Ab: thyroglobulin antibodies (TG Ab)



SD - Pregnancy diagnostic

Survey	Application deadline	Sample dispatch date	survey period from	to
SD1/25	18.11.24	07.01.25	13.01.25	01.02.25
SD2/25	24.02.25	25.03.25	31.03.25	19.04.25
SD3/25	19.05.25	17.06.25	23.06.25	12.07.25
SD4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	46,50 €	25,00 €
set 2	39,50 €	28,50 €
set 1 and set 2	78,00 €	

► Sample material

serum, lyophilized

set 1: 2 samples each 2 ml

set 2: 2 samples each 1 ml

In set 2 (free estriol) nativ, human samples are used.

► Analytes

set 1

AFP

anti-Müllerian hormone (AMH)

hCG

free β-hCG

PAPP-A

set 2

free estriol

► Information

The samples offered in this survey will contain analytes in a concentration range relevant for pregnancy diagnostic. For the qualitative test for pregnancy, please order the survey KUST.

SP - Trace elements in urine

Survey	Application deadline	Sample dispatch date	survey period from	to
SP1/25	13.01.25	11.02.25	17.02.25	08.03.25
SP2/25	30.06.25	29.07.25	04.08.25	23.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	55,00 €
	38,00 €

► Sample material

urine, lyophilized, 2 samples each 10 (2 × 5) ml

► Analytes

aluminium

chromium

fluoride

manganese

selenium

arsenic

cobalt

iron

mercury

zinc

cadmium

copper

lead

nickel



SV - Saliva diagnostic

Survey	Application deadline	Sample dispatch date	survey period from	to
SV1/25	03.03.25	01.04.25	07.04.25	19.04.25
SV2/25	28.07.25	26.08.25	01.09.25	13.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 38,00 €
27,00 €

► Sample material

saliva preparation, liquid or lyophilized, 2 samples each 2 ml

► Analytes

cortisol, 17-OH-progesterone

SW - Sweat analysis

Survey	Application deadline	Sample dispatch date	survey period from	to
SW1/25	10.02.25	11.03.25	17.03.25	29.03.25
SW2/25	07.07.25	05.08.25	11.08.25	23.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 38,00 €
27,00 €

► Sample material

sweat preparation, liquid or lyophilized, 2 samples each 1 ml

► Analytes

chloride, conductivity



TH - Thrombophilia screening

Survey	Application deadline	Dispatch date	Closing date
TH1/25		04.03.25	09.04.25
TH2/25		20.05.25	25.06.25
TH3/25	09.12.24	26.08.25	01.10.25
TH4/25		11.11.25	17.12.25

€ **Fee for each survey, net prices plus VAT** (Standard shipping included)

Please note, that you can only place one order comprising all two or four surveys of the scheme
Ordering a single survey (one/two times a year) is not possible in this case.

Fee
Result submission via internet/report internet, annual subscription fee
162,00 €
The following prices are valid in each case for all four surveys:
Thrombophilia module I 443,00 €
Thrombophilia module II 180,00 €
Lupus Anticoagulant / Antiphospholipid Antibodies 216,00 €
Von Willebrand Factor module 336,00 €
ADAMTS-13 - I (activity and antigen) 237,00 €
Factor XIII (activity and antigen) 166,00 €
Fibrinolysis parameters I (Plasminogen, Antiplasmin) 163,00 €
Fibrinolysis parameters II (t-PA, PAI-1) 163,00 €
Unfractionated Heparin Monitoring (anti-Xa) 146,00 €
Low-Molecular Weight Heparin Monitoring (anti-Xa) 146,00 €
The following prices are valid in each case for all two surveys:
Faktor VIII Inhibitor 224,00 €
Thrombin generation test 169,00 €
ADAMTS-13 - II (antibodies) 154,00 €
Factor IX Inhibitor 224,00 €
HIT - I (Immunological testing) 253,00 €
ADAMTS-13 - III (functional inhibitor) test 202,00 €

► Sample material

plasma or serum, human, lyophilized, ca. 0,5 - 1 ml (1 or 2 sample(s) each)

► Analytes 4 per year: TH1/24, TH2/24, TH3/24, TH4/24

Thrombophilia module I

Includes an annual report on the long-term evaluation of test results.

Antithrombin (activity and antigen)

Protein S activity

Protein C (activity [chromogenic and clotting] and antigen)

Protein S antigen (free and total)

Thrombophilia module II (APC Resistance)

Lupus Anticoagulant / Antiphospholipid Antibodies

Von Willebrand Factor module (antigen, ristocetin cofactor activity, activity, collagen binding, multimers, Factor VIII)

ADAMTS-13 - I (activity and antigen)

Factor XIII (activity and antigen)

Fibrinolysis parameters I (Plasminogen, Antiplasmin)

Fibrinolysis parameters II (t-PA, PAI-1)

Unfractionated Heparin Monitoring (anti-Xa)

Low-Molecular Weight Heparin Monitoring (anti-Xa)

► Analytes 2 per year:

Faktor VIII Inhibitor (TH2/25 + TH4/25)

Thrombin Generation Test (TH1/25 + TH3/25)

ADAMTS-13 - II (antibodies) (TH2/25 + TH4/25)

Faktor IX Inhibitor (TH1/25 + TH3/25)

HIT - I Immunological testing (TH1/25 + TH3/25)

ADAMTS-13 - III (functional inhibitor) (TH2/25 + TH4/25)



► Information

In cooperation with the Dutch organization ECAT, the Reference Institute for Bioanalytics provides special surveys for thrombophilia screening.

The preparation of the survey material, what is in most cases native patient material, the mailing of samples, and the evaluation is done by our colleagues from the Netherlands.

Sample material

The samples will consist of lyophilized human plasma or serum with different volumes (0,5 to 1 ml).

Per analyte or set of analytes, you will get one or two sample(s).

Please note our deadline for the order, and please use for the applications the special application form! We can not accept cancellations during the annual program.

The result submission is only possible via internet.

This survey is not subject of the accredited area of the RfB.

The **registration form** for this survey you will find on page 68/69.

TM - Tumor markers group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
TM1/25	18.11.24	07.01.25	13.01.25	01.02.25
TM2/25	24.02.25	25.03.25	31.03.25	19.04.25
TM3/25	19.05.25	17.06.25	23.06.25	12.07.25
TM4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results		
1-2		50,00 €
each additional 4 pairs of analytical results		5,00 €
each additional required pair of samples		39,50 €

► Sample material

serum, lyophilized, 2 samples each 2,5 ml

► Analytes

AFP	calcitonin	β2-microglobulin	S-100
CA 15-3	CEA	PAP (only mass concentration, no enzyme activity)	SCC
CA 19-9	CYFRA	PSA	thyroglobulin
CA 72-4	hCG	cPSA (complexed PSA)	TPA
CA 125	NSE	PSA free	TPS

TMX - Tumor markers group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
TMX1/25	18.11.24	07.01.25	13.01.25	01.02.25
TMX2/25	24.02.25	25.03.25	31.03.25	19.04.25
TMX3/25	19.05.25	17.06.25	23.06.25	12.07.25
TMX4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	39,50 €
	29,00 €

► Sample material

serum, lyophilized, 2 samples each 1 ml

► Analytes

chromogranin A	human epidermal growth factor receptor 2	CA 50
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TR - Clinical chemical analytes in serum „dry chemistry“

Survey	Application deadline	Sample dispatch date	survey period from	to
TR1/25	18.11.24	07.01.25	13.01.25	25.01.25
TR2/25	17.02.25	18.03.25	24.03.25	05.04.25
TR3/25	26.05.25	24.06.25	30.06.25	12.07.25
TR4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results		
1-8		48,00 €
each additional 4 pairs of analytical results		5,00 €
each additional required pair of samples		25,50 €

► Sample material

serum, lyophilized, 2 samples each 5 ml

► Analytes

α-amylase	iron	lithium
albumin	γ-GT, L-γ-glutamyl transferase	magnesium
alkaline phosphatase	protein, total	sodium
ALT, alanine-aminotransferase (GPT)	glucose	pancreatic amylase
AST, aspartate-aminotransferase (GOT)	uric acid	phosphorus inorganic
bilirubin, total	urea	triglycerides
calcium	potassium	
chloride	creatinine	
cholesterol	lactate	
cholinesterase	LDH, lactate dehydrogenase	
CK, creatine kinase	lipase	

► Information

This offer is addressed to users of Vitros and Reflotron systems and other „dry chemistry“ instruments.

VT - Vitamins and analgesics

Survey	Application deadline	Sample dispatch date	survey period from	to
VT1/25	27.01.25	25.02.25	03.03.25	15.03.25
VT2/25	30.06.25	29.07.25	04.08.25	16.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	49,50 €
	31,00 €

► Sample material

serum, lyophilized, 2 samples each 3 ml

► Analytes

vitamin A	(retinol)	folic acid
vitamin B ₆	(pyridoxal-5-phosphate)	salicylic acid
vitamin B ₁₂	(cyanocobalamin)	paracetamol/acetaminophen
vitamin B ₁	(thiamine)	
vitamin D	25-OH-D3 (25-OH-cholecalciferol), 25-(OH) ₂ -D3 and 25-OH-vitamin D total	
vitamin E	(tocopherol)	



ZL - Cell count in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
ZL1/25	25.11.24	25.02.25	03.03.25	08.03.25
ZL2/25	09.06.25	09.09.25	15.09.25	20.09.25

€ **Fee for each survey, net prices plus VAT**

each additional required pair of samples **78,00 €**
53,50 €

► **Sample material**

punctuated, liquid, 2 samples each about 2 ml

► **Analytes**

erythrocyte count
leukocyte count

► **Information**

In this survey, erythrocytes (RBC) and leukocytes (WBC) can be counted with visual methods (microscope) or electronic methods from a cerebrospinal fluid. This survey is only addressed to methods that can detect erythrocytes < 500/ μ l. If the detection limit of the method for erythrocytes = 1,000/ μ l, participation in the survey Bodyfluid (BF) is recommended.

ZY - Cytokines

Survey	Application deadline	Sample dispatch date	survey period from	to
ZY1/25	13.01.25	11.02.25	17.02.25	01.03.25
ZY2/25	24.03.25	22.04.25	28.04.25	10.05.25
ZY3/25	23.06.25	22.07.25	28.07.25	09.08.25
ZY4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ **Fee for each survey, net prices plus VAT**

each additional required pair of samples **50,00 €**
33,50 €

► **Sample material**

serum, lyophilized, 2 samples each 2 ml

► **Analytes**

Interleukin-1 β (IL-1 β)	lipopolysaccharide-binding-protein (LBP)
Interleukin-6 (IL-6)	procalcitonin (PCT)
Interleukin-8 (IL-8)	soluble IL-2 receptor (sIL-2R)
Interleukin-10 (IL-10)	tumor necrosis factor-alpha (TNF α)

PCT-POCT
IL-6-POCT



Qualitative determinations

AI - Antinuclear antibodies

Survey	Application deadline	Sample dispatch date	survey period from	to
AI1/25	09.12.24	18.02.25	24.02.25	08.03.25
AI2/25	02.06.25	12.08.25	18.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	83,00 €	46,00 €
set 2	78,50 €	46,00 €
set 1 and set 2	145,00 €	

► Sample material

serum/plasma, lyophilized
set 1: about 6 samples each 0,5 ml
set 2: about 6 samples each 0,5 ml

► Analytes

set 1

ANA (antinuclear ab)
ENA (extractable antinuclear ab)
ds-DNA-ab
ANCA (antineutrophil cytoplasmatic ab)

set 2

AMA (antimitochondrial ab)
SMA (smooth muscle ab)
LKM-1 (liver-kidney-microsomes)
GBM (glomerular base membran ab)
Antiphospholipide ab
Celiak disease ab
Onconeural ab

AL - Allergology

Survey	Application deadline	Sample dispatch date	survey period from	to
AL1/25	06.01.25	04.02.25	10.02.25	22.02.25
AL2/25	31.03.25	29.04.25	05.05.25	17.05.25
AL3/25	23.06.25	22.07.25	28.07.25	09.08.25
AL4/25	25.08.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	33,50 €	14,50 €
set 2	73,00 €	49,50 €
set 1 and set 2	88,50 €	

► Sample material

serum, lyophilized set 1: 2 samples each 1 ml for IgE total
serum, lyophilized set 2: 2 samples each 1 ml for specific IgE antibodies

The volume of the specimens can be different depending on the producer.

The samples for the determination of specific IgE-antibodies (set 2) contain seasonal and perennial allergens from inhalation, food, and insects. Expected the following allergens will be offered (changes may be possible):

AL1/25: Barley pollen (g201), Horse dander (e3), Mite (d1), Peanut (f13), Salmon (f41), Wasp venom (i3)

AL2/25: Bee venom (i1), Ficus benjamina (k81), Mite (d2), Rye, cultivated (g12), Soybean (f14), Wasp venom (i3)

AL3/25: Alder pollen (t2), Bee venom (i1), Dog dander (e5), Hazel pollen (t4), House dust (h1), Wheat flour (f4)

AL4/25: Apple (f49), Cat dander (e1), Maple pollen (t1), Peach (f95), Ribwort plantain (w9), Wasp venom (i3)

► Analytes

IgE specific IgE antibodies

► Information

From a large number of possible IgE-antibodies, we will supply changing groups of antibodies for investigation. It is also possible to give a classification of the stage of sensitisation.



BorrBimm - Anti-Borrelia burgdorferi

Survey	Application deadline	Sample dispatch date	survey period from	to
BorrBimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
BorrBimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 61,00 €
34,50 €

► Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► Analytes

Anti-Borrelia burgdorferi IgG, Anti-Borrelia burgdorferi IgM Anti-Borrelia burgdorferi total
including confirmation test

CMVimm - CMV Serology

Survey	Application deadline	Sample dispatch date	survey period from	to
CMVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
CMVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 100,00 €
52,00 €

► Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► Analytes

Anti-CMV IgG + total Anti-CMV IgM



DF - Hematology - Differential blood count

Survey	Application deadline	Sample dispatch date	survey period from	to
DF1/25	02.12.24	21.01.25	27.01.25	08.02.25
DF2/25	17.03.25	15.04.25	21.04.25	03.05.25
DF3/25	09.06.25	08.07.25	14.07.25	26.07.25
DF4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	51,00 €
	31,50 €

► **Sample material**

2 blood slides, **stained** Pappenheim. Both slides are normally also available by smears of virtual microscopy

► **Information**

Differentiation in %; morphology of leukocytes, erythrocytes and thrombocytes as well as quantitative change in leukocytes and thrombocytes, tentative diagnosis.

DS - Drug screening in urine

Survey	Application deadline	Sample dispatch date	survey period from	to
DS1/25	06.01.25	04.02.25	10.02.25	22.02.25
DS2/25	31.03.25	29.04.25	05.05.25	17.05.25
DS3/25	16.06.25	15.07.25	21.07.25	02.08.25
DS4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	67,00 €
	40,50 €

► **Sample material**

urine, lyophilized, 2 samples each 10 ml

► **Analytes**

amphetamine	(about 30 different)	methadon/metab.
barbiturates	(about 30 different)	methylphenidate
benzodiazepines	(about 50 different)	opiates/opioide
buprenorphine		phencyclidine
cannabinoids		pregabalin
cocain/metab.		tramadol
fentanyl		tricycl. antidepressants
LSD		(about 10 different)

► **Information**

Per survey, the samples do contain selected drugs from a lot of substances of a drug group.

The parameters specified in this survey are to be determined primarily by means of qualitative immunoassays. In this survey, users of chromatographic methods are required to merely provide the confirmatory analysis for one lead compound. We offer systematic toxicological analysis in the SX survey as well as in the TX survey, which is additionally to be assessed clinically with a case history.



EBVimm - Epstein-Barr-Virus serology

Survey	Application deadline	Sample dispatch date	survey period from	to
EBVimm1/25	13.01.25	18.02.25	24.02.25	08.03.25
EBVimm2/25	04.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

94,00 €
each additional required pair of samples 47,00 €

► **Sample material**

plasma, 4 samples, each 500 µl
Infectious material, UN3373, biological substance category B

► **Analytes**

EBV-EBNA	IgG
EBV-VCA	IgG + IgM
EBV-EA (early antigen)	IgG

HAVimm - HAV serology

Survey	Application deadline	Sample dispatch date	survey period from	to
HAVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
HAVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

79,00 €
each additional required pair of samples 54,00 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

Anti-HAV IgG	Anti-HAV IgM	Anti-HAV total
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HBVimm1 - HBV serology minor

Survey	Application deadline	Sample dispatch date	survey period from	to
HBVimm11/25	30.12.24	04.03.25	10.03.25	22.03.25
HBVimm12/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

105,00 €
each additional required pair of samples 54,00 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

HBsAg	Anti-HBs	Anti-HBc
including confirmation test		



HBVimm2 - HBV serology major

Survey	Application deadline	Sample dispatch date	survey period from	to
HBVimm21/25	30.12.24	04.03.25	10.03.25	22.03.25
HBVimm22/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	134,00 €
	64,00 €

► Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► Analytes

HBsAg	Anti-HBc	Anti-HBe
Anti-HBs	HBe	Anti-HBc-IgM

including confirmation test

HCVimm - HCV serology

Survey	Application deadline	Sample dispatch date	survey period from	to
HCVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
HCVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	100,00 €
	54,00 €

► Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► Analytes

Anti-HCV IgG + IgM

HerpVimm - Herpes viruses serology

Survey	Application deadline	Sample dispatch date	survey period from	to
HerpVimm1/25	13.01.25	18.02.25	24.02.25	08.03.25
HerpVimm2/25	04.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

set 1	88,50 €
set 2	88,50 €
set 1 + 2	147,00 €
each additional required pair of samples	48,00 €

► Sample material

plasma, 4 samples, each 500 µl
Infectious material, UN3373, biological substance category B

► Analytes

Set 1: Anti-HSV -1/-2, IgG + IgM
Set 2: Anti-VZV, IgG + IgM



HIVimm - HIV serology

Survey	Application deadline	Sample dispatch date	survey period from	to
HIVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
HIVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

131,00 €
each additional required pair of samples 63,00 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

Anti-HIV -1/-2 Ak / Ag(p24)

HS - Urinary calculus

Survey	Application deadline	Sample dispatch date	survey period from	to
HS1/25	06.01.25	04.02.25	10.02.25	22.02.25
HS2/25	30.06.25	29.07.25	04.08.25	16.08.25

€ Fee for each survey, net prices plus VAT

46,00 €
each additional required pair of samples 23,00 €

► **Sample material**

4 samples of pulverized urinary calculus components (pure, mixed, human stones)

► **Information**

Together with the evaluation of the survey, you will get IR-spectra, which you can collect for an IR-catalog.

HTLVimm - Human T-lymphotropic virus

Survey	Application deadline	Sample dispatch date	survey period from	to
HTLVimm1/25	06.01.25	04.02.25	10.02.25	22.02.25
HTLVimm2/25	30.06.25	29.07.25	04.08.25	16.08.25

€ Fee for each survey, net prices plus VAT

102,00 €
each additional required pair of samples 49,00 €

► **Sample material**

plasma, 4 samples, each 1 ml
Infectious material, UN3373, biological substance category B

► **Analytes**

Anti-HTLV -1/-2 IgG



IA - Immunohematology for automated systems

Survey	Application deadline	Sample dispatch date	survey period from	to
IA1/25	09.12.24	28.01.25	29.01.25	08.02.25
IA2/25	17.03.25	15.04.25	16.04.25	26.04.25
IA3/25	23.06.25	22.07.25	23.07.25	02.08.25
IA4/25	15.09.25	14.10.25	15.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

	90,00 €
each additional required pair of samples	43,50 €

► **Sample material**

whole blood, liquid 2 samples each about 2,5 ml

► **Analytes**

AB0-system (blood groups)	Cw antigen
A-subgroups	Kell antigen
rhesus-factor (D-variants)	direct Coombs' test
rhesus-system (rhesus-formula)	antibody test

IH - Immunohematology Major (extended offer)

Survey	Application deadline	Sample dispatch date	survey period from	to
IH1/25	13.01.25	11.02.25	12.02.25	22.02.25
IH2/25	31.03.25	29.04.25	30.04.25	10.05.25
IH3/25	09.06.25	08.07.25	09.07.25	19.07.25
IH4/25	01.09.25	30.09.25	01.10.25	11.10.25

€ Fee for each survey, net prices plus VAT

	66,00 €
each additional required pair of samples	32,50 €

► **Sample material**

erythrocyte suspension, liquid 2 samples each about 2 ml
serum, liquid 2 samples each about 6 ml

► **Analytes**

AB0-system (blood groups)	Cw antigen	antibody differentiation (serum)
A-subgroups	Kell antigen	antibody titer
rhesus-factor (D-variants)	direct Coombs' test	
rhesus-system (rhesus-formula)	antibody test	

► **Information**

In this survey - in addition to the analytes of the basic program (Minor) - includes antibody differentiation.



IM - Immunohematology Minor (basic programm)

Survey	Application deadline	Sample dispatch date	survey period from	to
IM1/25	13.01.25	11.02.25	12.02.25	22.02.25
IM2/25	31.03.25	29.04.25	30.04.25	10.05.25
IM3/25	09.06.25	08.07.25	09.07.25	19.07.25
IM4/25	01.09.25	30.09.25	01.10.25	11.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	56,50 €
	27,50 €

► **Sample material**

erythrocyte suspension, liquid	2 samples about 2 ml
serum, liquid	2 samples about 3 ml

► **Analytes**

AB0-system (blood groups)	rhesus-system (rhesus-formula)	Kell antigen
A-subgroups	Cw antigen	direct Coombs' test
rhesus-factor (D-variants)		antibody test

KUST - Clinical chemistry in urine, test strip and pregnancy test, qualitative

Survey	Application deadline	Sample dispatch date	survey period from	to
KUST1/25	25.11.24	14.01.25	20.01.25	01.02.25
KUST2/25	17.02.25	18.03.25	24.03.25	05.04.25
KUST3/25	19.05.25	17.06.25	23.06.25	05.07.25
KUST4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	28,00 €
	17,00 €

► **Sample material**

urine, lyophilized qualitative, 2 samples each 5 ml, investigation for test strips

► **Analytes**

Test strip	protein	leukocytes	pregnancy test
bilirubin	glucose	nitrite	
ketone	microalbumin	specific gravity	
pH	hemoglobin	urobilinogen	

MaMulmm - Morbilli and mumps serology

Survey	Application deadline	Sample dispatch date	survey period from	to
MaMulmm1/25	13.01.25	18.02.25	24.02.25	08.03.25
MaMulmm2/25	04.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

set 1	87,50 €
set 2	87,50 €
set 1 + 2	149,00 €
each additional required pair of samples	47,00 €

► **Sample material**

plasma, 4 samples, each 500 µl, Infectious material, UN3373, biological substance category B

► **Analytes**

set 1: anti morbilli virus IgG + IgM
set 2: anti mumps virus IgG + IgM



OB - Oligoclonal bands in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
OB1/25	27.01.25	25.02.25	03.03.25	22.03.25
OB2/25	14.07.25	12.08.25	18.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

46,00 €
each additional required pair of samples 25,00 €

► **Sample material**

CSF, lyophilized or liquid serum, lyophilized or liquid 2 samples each 1 ml
2 samples each 1 ml

► **Analytes**

oligoclonal bands in cerebrospinal fluid; diagnosis can be given.

pvB19imm - Parvovirus B19 serology

Survey	Application deadline	Sample dispatch date	survey period from	to
pvB19imm1/25	30.12.24	04.03.25	10.03.25	22.03.25
pvB19imm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

103,00 €
each additional required pair of samples 54,50 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

Anti-Parvovirus B19 IgG + total Anti-Parvovirus B19 IgM

RoetLimm - Anti-Rubella-Virus

Survey	Application deadline	Sample dispatch date	survey period from	to
RoetLimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
RoetLimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

53,00 €
each additional required pair of samples 28,50 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

Anti-Rubella-Virus IgG Anti-Rubella-Virus IgM



SX - Systematic toxicologic analysis

Survey	Application deadline	Sample dispatch date	survey period from	to
SX1/25	17.03.25	15.04.25	21.04.25	10.05.25
SX2/25	07.07.25	05.08.25	11.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	96,00 €
	63,00 €

► **Sample material**

urine, lyophilized, 2 samples each 10 ml

► **Analytes**

From a list of 30 substances (www.rfb.bio/cgi/anaLists/SX/en), the proof of 6 - 8 substances with chromatographic methods is required in both samples.

ToxoGimm - Anti-Toxoplasma-gondii

Survey	Application deadline	Sample dispatch date	survey period from	to
ToxoGimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
ToxoGimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	54,00 €
	30,50 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

Anti-Toxoplasma-gondii IgG	Anti-Toxoplasma-gondii IgM	Anti-Toxoplasma-gondii total
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TrepPimm - Anti-Treponema pallidum

Survey	Application deadline	Sample dispatch date	survey period from	to
TrepPimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
TrepPimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	53,50 €
	30,00 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

Anti-Treponema pallidum IgG	Anti-Treponema pallidum IgM	Anti-Treponema pallidum total
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TX - Toxicologic analyses

Survey	Application deadline	Sample dispatch date	survey period from	to
TX1/25	06.01.25	04.02.25	10.02.25	22.02.25
TX2/25	16.06.25	15.07.25	21.07.25	02.08.25

€ Fee for each survey, net prices plus VAT

57,00 €
each additional required pair of samples 42,00 €

► **Sample material**

urine, lyophilized
serum, lyophilized 2 samples 5 ml
 1 sample 5 ml

► **Analytes**

qualitative search for foreign substances in urine/serum

► **Information**

The samples contain one or more pharmaceutical drugs or toxic agents. Together with a patient history, the substances found should be interpreted. In general, the use of chromatographic methods is essential to succeed in this survey.

US - Urine sediment

Survey	Application deadline	Dispatch date of instruction	survey period from	to
US1/25	10.02.25	11.03.25	17.03.25	12.04.25
US2/25	18.08.25	16.09.25	22.09.25	18.10.25

€ Fee for each survey, net prices plus VAT

26,50 €

► **Sample material**

web-based, virtual microscopy of two urine sediments

► **Analytes**

Qualitative and semi-quantitative determinations
Morphology

VariAimm - Various immunological analytes

Survey	Application deadline	Sample dispatch date	survey period from	to
VariAimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
VariAimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

48,00 €
each additional required pair of samples 29,00 €

► **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

► **Analytes**

set 1: Anti-Echinococcus IgG
set 2: Anti-Entamoeba histolytica IgG
set 3: Anti-Plasmodium total
set 4: Anti-Schistosoma IgG
set 5: Anti-Candida albicans IgG
set 6: Anti-Streptokokken-Desoxyribonuklease IgG



ZZ - Cerebrospinal fluid cytology

Survey	Application deadline	Dispatch date of instruction	survey period from	to
ZZ1/25	07.04.25	06.05.25	12.05.25	24.05.25
ZZ2/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

47,00 €

► **Sample material**

web-based assessment of cytopin preparation with clinical case history, 2 samples

► **Analytics**

Both preparations are to be assessed for morphology and diagnosis



Direct detection of pathogens

BA - Bacteriology Major

Survey	Application deadline	Sample dispatch date	survey period from	to
BA1/25	10.02.25	06.05.25	12.05.25	24.05.25
BA2/25	07.07.25	30.09.25	06.10.25	18.10.25

€ Fee for each survey, net prices plus VAT

100,00 €

► **Sample material**

Lyophilized control samples, 5 strains (samples A to E)
Infectious material, UN3373, biological substance category B

► **Investigation target**

identification and resistance testing

BakNAT1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
BakNAT11/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT12/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set 179,00 €
each additional required set 63,00 €

► **Sample material**

Lyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

► **Analytes**

set 1: Bordetella pertussis
set 2: Chlamydia pneumoniae
set 3: Mycoplasma pneumoniae
set 6: Legionella pneumophila
set 7: MRSA



BakNAT2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
BakNAT21/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT22/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set	179,00 €
each additional required set	63,00 €

► **Sample material**

Iyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

► **Analytes**

set 1: *Salmonella enterica* (Set 1 can currently only be shipped within EU.)
set 2: *EHEC/STEC* (Set 2 can currently only be shipped within EU.)
set 3: *Helicobacter pylori*
set 4: *Listeria monocytogenes*
set 5: *Borrelia burgdorferi*

BakNAT3 - Genome evidence group 3

Survey	Application deadline	Sample dispatch date	survey period from	to
BakNAT31/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT32/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set	179,00 €
each additional required set	63,00 €

► **Sample material**

Iyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

► **Analytes**

set 1: *Chlamydia trachomatis*
set 2: *Neisseria gonorrhoeae*

BakNAT4 - Genome evidence group 3

Survey	Application deadline	Sample dispatch date	survey period from	to
BakNAT41/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT42/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set	179,00 €
each additional required set	63,00 €

► **Sample material**

Iyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

► **Analytes**

set 1: *Coxiella burnetii*
set 2: *Francisella tularensis*

► **Information**

The samples can currently only be shipped within EU.



BAK-TK - Proficiency panel to detect bacteria in platelet concentrates

Survey	Application deadline	Sample dispatch date	survey period from	to
BAK-TK1/25 Set 1	14.04.25	07.05.25	08.05.25	09.05.25
BAK-TK1/25 Set 2 + 3	14.04.25	07.05.25	08.05.25	21.05.25
BAK-TK2/25 Set 1	13.10.25	12.11.25	13.11.25	14.11.25
BAK-TK2/25 Set 2 + 3	13.10.25	12.11.25	26.11.25	13.11.25

€ Fee for each survey, net prices plus VAT

set 1	203,00 €	set 1 + 2	256,00 €
set 2	153,00 €	set 2 + 3	256,00 €
		set 1 + 2 + 3	359,00 €

► Sample material

set 1: 6 samples of platelet concentrates
 set 2 + 3: 6 samples of platelet concentrates
 Infectious material, UN3373, biological substance category B

► Investigation target

set 1: Detection with rapid methods
 set 2: Detection with culture methods
 set 3: Identification of bacteria

► Information

Set 3 can only be ordered in conjunction with set 2.
Due to German postal regulations for infectious material, these surveys cannot be delivered to participants outside Germany.

BM - Bacteriology Minor

Survey	Application deadline	Sample dispatch date	survey period from	to
BM1/25	10.02.25	06.05.25	12.05.25	24.05.25
BM2/25	07.07.25	30.09.25	06.10.25	18.10.25

€ Fee for each survey, net prices plus VAT

79,00 €

► Sample material

lyophilized control samples, 3 strains (samples A to C)
 Infectious material, UN3373, biological substance category B

► Investigation target

identification and resistance testing

B-Stscre - B-Streptococci screening

Survey	Application deadline	Sample dispatch date	survey period from	to
B-Stscre1/25	27.01.25	18.03.25	24.03.25	05.04.25
B-Stscre2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

90,00 €

► Sample material

4 samples, gel smear tubes, Infectious material, UN3373, biological substance category B

► Analytes

B-Streptococci screening for cultural evidence and NAT-methods



CdToxin - Clostridioides (Clostridium) difficile toxin genome

Survey	Application deadline	Sample dispatch date	survey period from	to
CdToxin1/25	27.01.25	18.03.25	24.03.25	05.04.25
CdToxin2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **135,00 €**
53,50 €

► **Sample material**

4 lyophilized control samples
Infectious material, UN3373, biological substance category B

► **Analyte**

Clostridioides (Clostridium) difficile toxin genome
Detection Ribotype 027

ChlamTra - Chlamydia trachomatis AG

Survey	Application deadline	Sample dispatch date	survey period from	to
ChlamTra1/25	24.03.25	13.05.25	19.05.25	31.05.25
ChlamTra2/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **53,00 €**
29,00 €

► **Sample material**

urine, 4 samples, each 0,5 ml
Infectious material, UN3373, biological substance category B

► **Analyte**

Chlamydia trachomatis antigen

CoVag - Evidence of SARS-CoV-2 antigen

Survey	Application deadline	Sample dispatch date	survey period from	to
CoVag1/25	30.12.24	25.02.25	03.03.25	15.03.25
CoVag2/25	09.06.25	12.08.25	18.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **165,00 €**
63,00 €

► **Sample material**

4 samples, inactive virus in 1 ml cell culture supernatant
Infectious material, UN3373, biological substance category B

► **Analyte**

SARS-CoV-2 antigen



CoVpcr - Genome evidence of SARS-CoV-2

Survey	Application deadline	Sample dispatch date	survey period from	to
CoVpcr1/25	30.12.24	25.02.25	03.03.25	15.03.25
CoVpcr2/25	09.06.25	12.08.25	18.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	225,00 € 63,00 €
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► **Sample material**

4 samples, inactive virus in 1 ml cell culture supernatant
Infectious material, UN3373, biological substance category B

► **Analyte**

Qualitative evidence of SARS-CoV-2 genome

CrypCand - Cryptococcus neoformans and candida albicans antigen

Survey	Application deadline	Sample dispatch date	survey period from	to
CrypCand1/25	13.01.25	18.02.25	24.02.25	08.03.25
CrypCand2/25	04.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	65,00 € 29,00 €
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► **Sample material**

serum, 4 samples, each 0,5 ml
Infectious material, UN3373, biological substance category B

► **Analytics**

Cryptococcus neoformans and Candida albicans antigen

DermPCR – Genome evidence of dermatophytes

Survey	Application deadline	Sample dispatch date	survey period from	to
DermPCR1/25	27.01.25	18.03.25	24.03.25	05.04.25
DermPCR2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	175,00 € 70,00 €
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► **Sample material**

lyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

► **Analytics**

Pathogen-specific genome detection of dermatophytes using NAT methods



GP - Gram-staining

Survey	Application deadline	Sample dispatch date	survey period from	to
GP1/25	16.12.24	18.02.25	24.02.25	08.03.25
GP2/25	09.06.25	12.08.25	18.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

	42,00 €
each additional required pair of samples	17,50 €

► **Sample material**

2 fixed unstained smears

► **Examination**

Judgement of staining and morphology

HEVpcr - Hepatitis E virus

Survey	Application deadline	Sample dispatch date	survey period from	to
HEVpcr1/25	06.01.25	04.02.25	10.02.25	22.02.25
HEVpcr2/25	30.06.25	29.07.25	04.08.25	16.08.25

€ Fee for each survey, net prices plus VAT

	156,00 €
each additional required pair of samples	62,00 €

► **Sample material**

human plasma, 4 samples (liquid ready to use)

Infectious material, UN3373, biological substance category B

► **Analyte**

HEV-RNA

Infl-RSV - Influenza and RSV antigen evidence

Survey	Application deadline	Sample dispatch date	survey period from	to
Infl-RSV1/25	17.02.25	22.04.25	28.04.25	10.05.25
Infl-RSV2/25	11.08.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

	one set	91,00 €
	both sets	134,00 €

► **Sample material**

NaCl-matrix, 4 samples, each 1 ml

Infectious material, UN3373, biological substance category B

► **Analytics**

set 1: Influenza antigen

set 2: RSV antigen



MMRpcr - Genome evidence measles, mumps, rubella

Survey	Application deadline	Sample dispatch date	survey period from	to
MMRpcr1/25	20.01.25	25.03.25	31.03.25	12.04.25
MMRpcr2/25	04.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

one set	163,00 €
each additional required set	58,00 €

► **Sample material**

4 samples, virus material in plasma
Infectious material, UN3373, biological substance category B

► **Analytes**

Set 1: Measels virus
Set 2: Mumps virus
Set 3: Rubella virus

MRGNscre - MRGN Screening

Survey	Application deadline	Sample dispatch date	survey period from	to
MRGNscre1/25	27.01.25	18.03.25	24.03.25	05.04.25
MRGNscre2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	136,00 €
	53,00 €

► **Sample material**

4 samples, gel smear tubes
Infectious material, UN3373, biological substance category B

► **Analytes**

MRGN screening (pathogen identification, resistance status)
Molecular diagnostic proof of carbapenemases (optional, not part of the certificate)

MRSAscre - MRSA Screening

Survey	Application deadline	Sample dispatch date	survey period from	to
MRSAscre1/25	24.03.25	13.05.25	19.05.25	31.05.25
MRSAscre2/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	93,00 €
	40,00 €

► **Sample material**

4 eSwab tubes, 1 ml
Infectious material, UN3373, biological substance category B

► **Analytes**

MRSA Screening for cultural evidence and NAT-methods
Detection Panton-Valentine leucocidin (PVL)



MykCult - Cultivation and identification of fungi

Survey	Application deadline	Sample dispatch date	survey period from	to
MykCult1/25	24.03.25	13.05.25	19.05.25	07.06.25
MykCult2/25	01.09.25	21.10.25	27.10.25	15.11.25

€ Fee for each survey, net prices plus VAT

54,00 €
each additional required pair of samples 33,50 €

► **Sample material**

4 samples, gel smear tubes, Infectious material, UN3373, biological substance category B

► **Analytes**

Cultivation and identification of fungi

MykIdent - Identification of fungi

Survey	Application deadline	Dispatch date of instruction	survey period from	to
MykIdent1/25	17.02.25	18.03.25	24.03.25	05.04.25
MykIdent2/25	08.09.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

65,00 €

► **Sample material**

virtual microscopy of 2 preparations

► **Analytes**

Identification of fungi

NoroPCR - Norovirus PCR

Survey	Application deadline	Sample dispatch date	survey period from	to
NoroPCR1/25	20.01.25	25.03.25	31.03.25	12.04.25
NoroPCR2/25	28.07.25	30.09.25	06.10.25	18.10.25

€ Fee for each survey, net prices plus VAT

169,00 €

► **Sample material**

NaCl-matrix, liquid, 4 samples, Infectious material, UN3373, biological substance category B

► **Analyte**

Norovirus RNA

ParasitB - Parasites in blood

Survey	Application deadline	Dispatch date of instruction	survey period from	to
ParasitB1/25	24.03.25	22.04.25	28.04.25	10.05.25
ParasitB2/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

68,00 €

► **Sample material**

virtual microscopy, one or more visual fields of 2 preparations

► **Analytes**

Parasites in blood



ParasitS - Parasites in stool

Survey	Application deadline	Dispatch date of instruction	survey period from	to
ParasitS1/25	24.03.25	22.04.25	28.04.25	10.05.25
ParasitS2/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

68,00 €

► Sample material

virtual microscopy, one or more visual fields of 2 preparations

► Analytes

Parasites in stool

PolyVir1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
PolyVir11/25	03.03.25	06.05.25	12.05.25	24.05.25
PolyVir12/25	11.08.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

material one set	fee 169,00 €	additional set 82,50 €
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► Sample material

4 samples of liquid EDTA plasma, each 4 ml
Infectious material, UN3373, biological substance category B

► Analytes

set 1: HAV-RNA qualitative	set 5: HIV-2-RNA qualitative
set 2: HBV-DNA qualitative and quantitative	set 6: WNV-RNA qualitative
set 3: HCV-RNA qualitative and quantitative	set 7: CMV-DNA qualitative and quantitative
set 4: HIV-1-RNA qualitative and quantitative	set 8: pvB19-DNA qualitative

PolyVir2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
PolyVir21/25	17.02.25	22.04.25	28.04.25	10.05.25
PolyVir22/25	04.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

material one set	fee 181,00 €	additional set 63,00 €
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► Sample material

4 samples, each 1 ml virus-DNA on NaCl-Matrix
Infectious material, UN3373, biological substance category B

► Analytes

set 1: Adenoviren	set 4: HSV1/2	set 7: RSV
set 2: Enteroviren	set 5: HPV	set 8: VZV
set 3: EBV	set 6: Influenza A/B	



ToxoGen - Toxoplasma gondii Genome

Survey	Application deadline	Sample dispatch date	survey period from	to
ToxoGen1/25	24.03.25	13.05.25	19.05.25	31.05.25
ToxoGen2/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples	141,00 €
	56,00 €

► Sample material

Lyophilized DNA, 4 samples, Infectious material, UN3373, biological substance category B

► Analytes

Toxoplasma gondii Genome

TubDiag - Tuberculosis diagnostic

Survey	Application deadline	Sample dispatch date	survey period from	to
TubDiag1/25 Set 1 + 4	13.01.25	18.03.25	20.03.25	04.04.25
TubDiag1/25 Set 2	13.01.25	18.03.25	20.03.25	30.05.25
TubDiag1/25 Set 3 + 5	13.01.25	18.03.25	20.03.25	09.05.25
TubDiag1/25 Set 6	13.01.25	18.03.25	20.03.25	25.04.25
TubDiag2/25 Set 1 + 4	07.07.25	09.09.25	11.09.25	26.09.25
TubDiag2/25 Set 2	07.07.25	09.09.25	11.09.25	21.11.25
TubDiag2/25 Set 3 + 5	07.07.25	09.09.25	11.09.25	31.10.25
TubDiag2/25 Set 6	07.07.25	09.09.25	11.09.25	17.10.25

€ Fee for each survey, net prices plus VAT

set 1	79,00 €	set 4	89,00 €
set 2	79,00 €	set 5	720,00 €
set 3	69,00 €	set 6	79,00 €

► Investigation target

- set 1: Microscopy detection of acid-fast bacilli (Instand program 421).
- set 2: Detection of mycobacteria by culture and differentiation between TB and NTM (Instand program 422).
- set 3: Identification of mycobacteria (Instand program 423).
- set 4: Detection of tuberculosis-bacteria by NAT (Instand program 424).
- set 5: Susceptibility testing of M. tuberculosis complex cultures (Instand program 425).
- set 6: Molecular susceptibility testing of M. tuberculosis complex cultures (Instand program 426).

► Sample material

- set 1: 6 microscopy slides
- set 2: 5 sputum specimens
- set 3: 5 suspensions of mycobacterial strains
- set 4: 5 sputum specimens
- set 5: 5 suspensions of M. tuberculosis complex strains for phenotypic resistance testing
- set 5 contains infectious material according to category A. Shipment is according to UN2814.**
- set 6: 5 suspensions of M. tuberculosis complex strains for molecular resistance testing

► Information

This survey is not subject of the accredited area of the RfB. The surveys are performed in cooperation with Instand e.V. This dispatch of the samples, and the evaluation is done by Instand e.V.



UrinAg - Urine antigen evidence

Survey	Application deadline	Sample dispatch date	survey period from	to
UrinAg1/25	27.01.25	18.03.25	24.03.25	05.04.25
UrinAg2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

one set 54,00 €
each additional required set 28,50 €

> Sample material

4 samples, each 1 ml urine
Infectious material, UN3373, biological substance category B

Analytes

Set 1: Legionella pneumophila antigen in urine
Set 2: Streptococcus pneumoniae antigen in urine

VREscre - VRE Screening

Survey	Application deadline	Sample dispatch date	survey period from	to
VREscre1/25	27.01.25	18.03.25	24.03.25	05.04.25
VREscre2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples

 Sample material

4 samples, gel smear tubes
Infectious material, UN3373, biological substance category B

 Analytes

Cultural proof of VRE Molecular diagnostic proof of Van A/Van B and others



Ejaculate investigation

EJ - Semen analysis

Survey	Application deadline	Sample dispatch date	survey period from	to
EJ1/25	17.02.25	03.03.25	05.03.25	03.04.25
EJ2/25	29.09.25	20.10.25	22.10.25	20.11.25

€ Fee for each survey, net prices plus VAT

200,00 €

► Sample material

Washed and fixed sperm preparation

► Analyte

Estimation of sperm concentration and the assessment of morphologically normal forms. Additionally, the online analysis of sperm motility is possible.

► Information

The surveys are performed in a cooperation with the German Society of Andrology and their quality control organization QuaDeGA. The dispatch of the samples and the evaluation is done by QuaDeGA.
This survey is not subject of the accredited area of the RfB.



Molecular- and cytogenetic investigations

ctDNA - circulating tumor DNA

Survey	Application deadline	Sample dispatch date	survey period from	to
ctDNA1/25	27.01.25	08.04.25	14.04.25	10.05.25
ctDNA2/25	07.07.25	16.09.25	22.09.25	18.10.25

€ Fee for each survey, net prices plus VAT

material one set	fee	additional set
	154,00 €	154,00 €

► Sample material

EDTA-plasma, 3 samples each 3 ml

► Analyte

- set A: KRAS proto-oncogene, GTPase
- KRAS p.G12 (*KRAS*, NM_004985.5:c.34G>T>C>A, rs121913530)
- KRAS p.G12 (*KRAS*, NM_004985.5:c.35G>T>C>A, rs121913529)
- KRAS p.G13 (*KRAS*, NM_004985.5:c.37G>T>C>A, rs121913535)
- KRAS p.G13 (*KRAS*, NM_004985.5:c.38G>T>C>A, rs112445441)
- KRAS p.Q61 (*KRAS*, NM_004985.5:c.181C>G>A, rs121913238)
- KRAS p.Q61 (*KRAS*, NM_004985.5:c.182A>T>G>C, rs121913240)
- KRAS p.Q61 (*KRAS*, NM_004985.5:c.183A>T>C, rs17851045)
- set B: BRAF proto-oncogene, serine/threonine kinase
- BRAF p.V600E (*BRAF*, NM_004333.6:c.1799T>A, rs113488022)
- set C: Epidermal growth factor receptor
- EGFR p.T790M (*EGFR*, NM_005228.5:c.2369C>T, rs121434569)
- set D: NRAS proto-oncogene, GTPase
- NRAS p.Q61 (*NRAS*, NM_002524.5:c.181C>T>G>A, rs121913254)
- NRAS p.Q61 (*NRAS*, NM_002524.5:c.182A>T>G>C, rs11554290)
- NRAS p.Q61 (*NRAS*, NM_002524.5:c.183A>T>C, rs121913255)

► Information

This survey is only available for European participants because of the lack sample stability with the expanded shipment period.

For ordering, be aware of the different sets A, B, C and D.



DI - DNA isolation

Survey	Application deadline	Sample dispatch date	survey period from	to
DI1/25	13.01.25	11.03.25	17.03.25	05.04.25
DI2/25	09.06.25	12.08.25	18.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **70,50 €**
36,00 €

► Sample material

whole blood, K-EDTA, 2 samples each 500 µl
Infectious material, UN3373, biological substance category B

► Analyte

DNA isolation

- FV-Leiden (*F5*, NM_000130.5:c.1601G>A, rs6025)
- FV-H1299R (*F5*, NM_000130.5:c.3980A>G, rs1800595)
- FV-Cambridge (*F5*, NM_000130.5:c.1001G>C, rs118203906)
- FV-Hong-Kong (*F5*, NM_000130.5:c.1000A>G, rs118203905)
- FII g20210a (*F2*, NM_000506.5:c.*97G>A, rs1799963)
Methylenetetrahydrofolate reductase (MTHFR)
- MTHFR C677T (*MTHFR*, NM_005957.5:c.665C>T, rs1801133)
- MTHFR A1298C (*MTHFR*, NM_005957.5:c.1286A>C, rs1801131)
Hereditary Hemochromatosis (HFE)
- HFE H63D (*HFE*, NM_000410.4:c.187C>G, rs1799945)
- HFE S65C (*HFE*, NM_000410.4:c.193A>T, rs1800730)
- HFE C282Y (*HFE*, NM_000410.4:c.845G>A, rs1800562)

► Information

Methodological survey:
determination of concentration of DNA
ratio 260/280
method of identification
defined genotypes



MG1 - Molecular genetics group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
MG11/25	13.01.25	11.03.25	17.03.25	05.04.25
MG12/25	09.06.25	12.08.25	18.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

material one set	fee 57,00 €	additional set 57,00 €
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► Sample material

DNA preparation, lyophilized, 2 samples each 800 ng

► Analytes

- set A: - FV-Leiden (*F5*, NM_000130.5:c.1601G>A, rs6025)
- FII g20210a (*F2*, NM_000506.5:c.*97G>A, rs1799963)
Methylenetetrahydrofolate reductase (MTHFR)
- MTHFR C677T (*MTHFR*, NM_005957.5:c.665C>T, rs1801133)
- MTHFR A1298C (*MTHFR*, NM_005957.5:c.1286A>C, rs1801131)
- PAI-I 4G5G (*SERPINE1*, NM_000602.5:c.-820G[(4_5)], rs1799762)
- set B: - FXIII V34L (*F13A1*, NM_000129.4:c.103G>T, rs5985)
- GPIIIa (*ITGB3*, NM_000212.3:c.176T>C, rs5918)
- beta-Fibrinogen g-455a (*FGB*, NM_005141.4:c.-463G>A, rs1800790)
Vitamin K epoxide reductase complex subunit 1 (VKORC1)
- VKORC1 G-1639 (*VKORC1*, NM_024006.6:c.-1639G>A, rs9923231)
- VKORC1 C1173T (*VKORC1*, NM_024006.6:c.174-136C>T, rs9934438)
- FXII c46t (*F12*, NM_000505.4:c.-4T>C rs1801020)
- FV-H1299R (*F5*, NM_000130.5:c.3980A>G, rs1800595)
- set C: Alpha-1-Antitrypsin, (serpin family A member1)
- AAT-PI*S (*SERPINA1*, NM_000295.5:c.863A>T, rs17580)
- AAT-PI*Z (*SERPINA1*, NM_000295.5:c.1096G>A, rs28929474)
- AAT - Genotyping
- AAT- (Alpha-1-Antitrypsin-Genotyping)
Apolipoprotein E (APOE)
- ApoE2 (*APOE*, NM_000041.4:c.526C>T, rs7412)
- ApoE4 (*APOE*, NM_000041.4:c.388T>C, rs429358)
- ApoE - Genotyping
- ApoB100 (*APOB*, NM_000384.3:c.10580G>A, rs5742904)
- ACE I/D (*ACE*, NM_000789.3:c.2306-117_2306-116insAF118569.1:g.14094_14382, rs1799752)
- CETP B1/B2 (*CETP*, NM_000078.3:c.118+279G>A, rs708272)
- set D: Aldolase, fructose-bisphosphate B (ALDOB)
- AldoB 149 (*ALDOB*, NM_000035.4:c.448G>C, rs1800546)
- AldoB 174 (*ALDOB*, NM_000035.4:c.524C>A, rs76917243)
- AldoB 334 (*ALDOB*, NM_000035.4:c.1005C>G, rs78340951)
Hereditary Hemochromatosis (HFE)
- HFE H63D (*HFE*, NM_000410.4:c.187C>G, rs1799945)
- HFE S65C (*HFE*, NM_000410.4:c.193A>T, rs1800730)
- HFE C282Y (*HFE*, NM_000410.4:c.845G>A, rs1800562)
- LCT c-13910t (*LCT*, NM_005915.6:c.1917+326C>T, rs4988235)
Nucleotide binding oligomerization domain containing 2 (NOD2)
- NOD R702W (*NOD2*, NM_001370466.1:c.2023C>T, rs2066844)
- NOD G908R (*NOD2*, NM_001370466.1:c.2641G>C, rs2066845)
- NOD L1007finsC (*NOD2*, NM_001370466.1:c.2938dup, rs2066847)
- set E: - ATP7B-C3207A (*ATP7B*, NM_000053.4:c.3207C>A, rs76151636)
- FSAP Marburg-I (*HABP2*, NM_004132.5:c.1601G>A, rs7080536)
- ITGA2 Gplalla C807T (*ITGA2*, NM_002203.4:c.759C>T, rs1126643)
- Col1A1 SP1 (*Col1A1*, NM_000088.4:c.104-441G>T, rs1800012)
Vitamin D receptor (VDR)
- VDR Bsml (*VDR*, NM_000376.3:c.1024+283G>A, rs1544410)
- VDR Apal (*VDR*, NM_000376.3:c.1025-49G>T, rs7975232)
- VDR Taql (*VDR*, NM_000376.3:c.1056T>C, rs731236)



- set F:
- Faktor VII (R353Q) (F7, NM_019616.4:c.1172G>A, rs6046)
 - AT3 Cambridge Typ I/II (SERPINC1, NM_000488.4:c.1246G>C>T, rs121909548)
 - CYP3A5*3 (CYP3A5, NM_000777.5:c.219-237A>G, rs776746)

► Information

Please take into account the division into sets A, B, C, D, E and F when you order this survey.

MG2 - Molecular genetics group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
MG21/25	13.01.25	11.03.25	17.03.25	05.04.25
MG22/25	09.06.25	12.08.25	18.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

material one set.	fee 57,00 €	additional set 57,00 €
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► Sample material

DNA preparation, lyophilized, 2 samples each 800 ng (set D: 4000 ng)

► Analytes

- set A:
- Thiopurine S-methyltransferase (TPMT)
 - TPMT*2 (*TPMT*, NM_000367.5:c.238G>C, rs1800462)
 - TPMT*3B (*TPMT*, NM_000367.5:c.460G>A, rs1800460)
 - TPMT*3C (*TPMT*, NM_000367.5:c.719A>G, rs1142345)
 - TPMT - Genotyping
 - CYP2C8*3 (*CYP2C8*, NM_000770.3:c.1196A>G, rs10509681)
 - Cytochrome P450 2C9 (*CYP2C9*)
 - CYP2C9*2 (*CYP2C9*, NM_000771.4:c.430C>T, rs1799853)
 - CYP2C9*3 (*CYP2C9*, NM_000771.4:c.1075A>C, rs1057910)
 - CYP2C9 - Genotyping
 - UGT1A1*28 (*UGT1A1*, NM_000463.3:c.-41_-40dupTA, rs3064744)
 - Dihydropyrimidine dehydrogenase (DPYD)
 - DPYD*2A (*DPYD*, NM_000110.4:c.1905+1G>A, rs3918290)
 - DPYD*13 (*DPYD*, NM_000110.4:c.1679T>G, rs55886062)
 - DPYD p.D949V (*DPYD*, NM_000110.4:c.2846A>T, rs67376798)
 - DPYD c.1129-5923C>G (*DPYD*, NM_000110.4:c.1129-5923C>G, rs75017182)
 - DPYD c.1236G>A (*DPYD*, NM_000110.4:c.1236G>A, rs56038477)
 - DPYD HapB3 (*DPYD*, NM_000110.4:c.1129-5923C>G, rs75017182, NM_000110.4:c.1236G>A, rs56038477)
 - DPD activity score acc. to CPIC
 - DPD activity score acc. to DGHO
 - BCHE A (D70G) (*BCHE*, NM_000055.4:c.293A>G, rs1799807)
 - BCHE K (A567T) (*BCHE*, NM_000055.4:c.1699G>A, rs1803274)

- set B:
- KRAS proto-oncogene, GTPase (KRAS)
 - KRAS p.G12/p.G13 (*KRAS*, NP_004976.2:p.G12/G13)
 - KRAS p.G12 (*KRAS*, NM_004985.5:c.34G>T>C>A, rs121913530)
 - KRAS p.G12 (*KRAS*, NM_004985.5:c.35G>T>C>A, rs121913529)
 - KRAS p.G13 (*KRAS*, NM_004985.5:c.37G>T>C>A, rs121913535)
 - KRAS p.G13 (*KRAS*, NM_004985.5:c.38G>T>C>A, rs112445441)
 - KRAS p.G12 (*KRAS*, NP_004976.2:p.G12)
 - KRAS p.G12 (*KRAS*, NM_004985.5:c.34G>T>C>A, rs121913530)
 - KRAS p.G12 (*KRAS*, NM_004985.5:c.35G>T>C>A, rs121913529)
 - KRAS p.G13 (*KRAS*, NP_004976.2:p.G13)
 - KRAS p.G13 (*KRAS*, NM_004985.5:c.37G>T>C>A, rs121913535)
 - KRAS p.G13 (*KRAS*, NM_004985.5:c.38G>T>C>A, rs112445441)
 - KRAS p.Q61 (*KRAS*, NP_004976.2:p.Q61)
 - KRAS p.Q61 (*KRAS*, NM_004985.5:c.181C>G>A, rs121913238)
 - KRAS p.Q61 (*KRAS*, NM_004985.5:c.182A>T>G>C, rs121913240)
 - KRAS p.Q61 (*KRAS*, NM_004985.5:c.183A>T>C, rs17851045)
 - BRAF p.V600 (*BRAF*, NP_004324.2:p.V600E/K)
 - BRAF V600E (*BRAF*, NM_004333.6:c.1799T>A, rs113488022)
 - BRAF V600K (*BRAF*, NM_004333.6:c.1798_1799delinsAA, rs121913227)



- set B:
 - c-KIT p.D816V (*KIT*, NM_000222.3:c.2447A>T, rs121913507)
 - NRAS (*NRAS*, NP_002515.1:p.Q61)
 - NRAS (*NRAS*, NM_002524.5:c.181C>T>G>A, rs121913254)
 - NRAS (*NRAS*, NM_002524.5:c.182A>T>G>C, rs11554290)
 - NRAS (*NRAS*, NM_002524.5:c.183A>T>C, rs121913255)
- set C:
 - HLA-B*27:01 (*HLA-B*, NM_005514.8)
 - TNF alpha 238 (*TNF*, NM_000594.3:c.-418G>A, rs361525)
 - TNF alpha 308 (*TNF*, NM_000594.3:c.-488G>A, rs1800629)
- set D:
 - Cytochrome P450 2D6 (CYP2D6)
 - CYP2D6*2-296 (CYP2D6*2, NM_000106.6:c.886C>T, rs16947)
 - CYP2D6*2-486 (CYP2D6*2, NM_000106.6:c.1457G>C, rs1135840)
 - CYP2D6*3 (CYP2D6*3, NM_000106.6:c.775del, rs35742686)
 - CYP2D6*4 (CYP2D6*4, NM_000106.6:c.506-1G>A, rs3892097)
 - CYP2D6*6 (CYP2D6*6, NM_000106.6:c.454del, rs5030655)
 - CYP2D6*7 (CYP2D6*7, NM_000106.6:c.971A>C, rs5030867)
 - CYP2D6*8 (CYP2D6*8, NM_000106.6:c.505G>T, rs5030865)
 - CYP2D6*9 (CYP2D6*9, NM_000106.6:c.841_843del, rs5030656)
 - CYP2D6*10 (CYP2D6*10, NM_000106.6:c.100C>T, rs1065852)
 - CYP2D6*17 (CYP2D6*17, NM_000106.6:c.320C>T, rs28371706)
 - CYP2D6*35 (CYP2D6*35, NM_000106.6:c.31G>A, rs769258)
 - CYP2D6*41 (CYP2D6*41, NM_000106.6:c.985+39G>A, rs28371725)
 - CYP2D6*5 (CYP2D6, Deletion)
 - CYP2D6*xN (CYP2D6, Duplication/Amplification)
 - Cytochrome P450 2C19 (CYP2C19)
 - CYP2C19*2 (CYP2C19, NM_000769.4:c.681G>A, rs4244285)
 - CYP2C19*3 (CYP2C19, NM_000769.4:c.636G>A, rs4986893)
 - CYP2C19*17 (CYP2C19, NM_000769.4:c.-806C>T, rs12248560)
 - CYP2C19 - Genotyping
- set E:
 - HLA-B*57:01 (*HLA-B*, NM_005514.8)
 - Cytochrome P450 2B6 (CYP2B6)
 - CYP2B6*4 (CYP2B6, NM_000767.5:c.785A>G, rs2279343)
 - CYP2B6*9 (CYP2B6, NM_000767.5:c.516G>T, rs3745274)
 - CYP2B6*6 (CYP2B6, NM_000767.5:c.785A>G, rs2279343 + NM_000767.5:c.516G>T, rs3745274)
 - ABCB1 c.3435T>C (ABCB1, NM_001348946.2:c.3435T>C, rs1045642)
 - CCR5-del32bp (CCR5, NM_001394783.1:c.554_585del, rs333)
- set F:
 - IL28B (C/T Polymorphism) (*IFNL4*, NM_001276254.2:c.151-152G>A, rs12979860)
 - IL6 G(-174)C (*IL6*, NM_000600.4:c.-237C>G, rs1800795)
 - CYP3A4*22 (CYP3A4, NM_017460.6:c.522-191C>T, rs35599367)



Information 1

Please take into account the division into sets A, B, C, D, E and F when you order this survey.



Information 2

The following analytes are offered by our cooperation partner European Molecular Genetics Quality Network (EMQN). More information: www.rfb.bio/pdf/EMQN.pdf

- Hereditary hemochromatosis (genotyping and interpretation)
- Cystic fibrosis, mucoviscidosis
- Familial breast-/ovarian- cancer (BRCA)
- Hereditary nonpolyposis colon cancer
- 21-hydroxylase deficiency (Congenital adrenal hyperplasia)
- Huntington's disease
- Duchenne and Becker muscular dystrophy
- Prader-Willi and Angelman syndromes
- Fragile X Syndrome
- Spinal Muscular Atrophy
- Hereditary auditory disorder
- Y chromosome microdeletions



SQ - DNA Sequencing

Survey	Application deadline	Sample dispatch date	survey period from	to
SQ1/25	13.01.25	11.03.25	17.03.25	12.04.25
SQ2/25	09.06.25	12.08.25	18.08.25	13.09.25

€ Fee for each survey, net prices plus VAT

each additional pair of samples 133,00 €
47,00 €

► **Sample material**

DNA-preparation, lyophilized, 2 samples (PCR product + Primer for/rev)

► **Analytes**

DNA sequencing

► **Information**

This survey is not subject of the accredited area of the RfB.



RfB office / survey directors / calibration laboratories

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Foundation for Pathobiochemistry and Molecular Diagnostics**

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Data protection declaration

In accordance with Art. 13 of the General Data Protection Regulation of the EU (EU-GDPR), we hereby inform you how we collect, process, and use your personal data. Below you will find an overview of what personal data we collect from you, and what we do with them. We will also inform you about your rights under applicable data protection law, and whom to contact in case of further questions.

Who are we?

The Foundation for Pathobiochemistry and Molecular Diagnostics (in German: Stiftung für Pathobiochemie und Molekulare Diagnostik – hereinafter referred to as SPMD) is a foundation with legal capacity under German civil law. The objective and purpose of the SPMD is to promote science and research, as well as public healthcare.

The SPMD uses its funds for research and development projects in the field of pathobiochemistry and molecular diagnostics, among other things. In this context, it also implements measures to ensure continuous improvement and quality assurance. At the center of this is the operation of the Reference Institute for Bioanalytics (Referenzzinstitut für Bioanalytik – hereinafter referred to as RfB) as a reference institution and special-purpose enterprise. The RfB is an accredited survey provider and also fulfills the requirements for a survey provider as defined by the applicable policies and guidelines of the Federal Medical Association for quality assurance in medical laboratories in Germany.

Stiftung für Pathobiochemie und Molekulare Diagnostik, Referenzzinstitut für Bioanalytik (Foundation for Pathobiochemistry and Molecular Diagnostics, Reference Institute for Bioanalytics), Friesdorfer Straße 153, D-53175 Bonn, Germany

Telephone: +49 2 28 / 92 68 95 – 0, Fax: +49 2 28 / 92 68 95 – 29, Internet: www.rfb.bio, e-mail: info@spmd-rfb.de

Foundation Register of Karlsruhe №: 14–0563.1

Authorized representative: Gunther Schabio, datenschutzbeauftragter@spmd-rfb.de, responsible data controller within the meaning of the EU-GDPR

Processing of your data

What personal data do we collect from you?

We collect your personal data if you have registered for the surveys in writing, or if you contact us via any of the various communication channels.

Specifically, we process the following data:

Name, email address, company address

If you are a participant: Participant №, password, delivery address, certificate address, billing address, telephone № and email address if applicable, bank details if applicable, survey results and all related documents. IT usage data (IP address, connection date and time)

Where do these data originate from?

You provide them when registering to use our services. If you are a participant: from your written registration; from messages from you by email, fax or telephone; from messages via our website; if we are missing any essential communication data, also from searches on the internet. In some cases, we also receive your contact details from external cooperation partners.

What do we use these data for, and what is the legal basis for such use?

Performance of contractual relationships (Art. 6 (1b) of the EU-GDPR): Generally, you have a business relationship with us (ongoing contract), or the data processing is necessary to carry out pre-contractual measures at your request, e.g.:

For the execution of contractual relationships such as ordered surveys, and for the billing of services purchased. To fulfill your requests and improve our offerings based on a balancing of interests (Art. 6 para. 1f of the EU-GDPR): To ensure orderly operation and optimize our offer: We monitor the use of our services in order to ensure capacity utilization and IT security. This is done on the basis of IP addresses. We do not merge the IP addresses used with your user account data. To comply with legal requirements (Art. 6 para. 1c of the EU-GDPR): As a special-purpose enterprise of the Foundation for Pathobiochemistry and Molecular Diagnostics, we are subject to numerous provisions of fiscal and commercial law. We must process and store your data in order to comply with these provisions.

Based on your consent (Art. 6 (1a) of the EU-GDPR): In some cases, you have given us your consent to process your data. You can revoke this consent at any time. This also applies to consents given before the EU-GDPR came into force, i.e. before May 25, 2018.

How long will we store your data?

Various time limits apply to the storage of your data:

Data with relevance under fiscal law are generally stored for 10 years

Data with relevance under commercial law are generally stored for 6 years

External service providers

We collaborate with a number of external service providers who support us in the furnishing of our services. All these service providers have been carefully selected by us and contractually obligated to diligently comply with all relevant data protection regulations. Concomitantly, we disclose only the data required to use these services.

Disclosure to other survey organizers

If you have registered with us for a survey that is carried out by one of our cooperation partners (e.g. TH thrombophilia screening at ECAT), we will pass on all relevant data to the cooperation partner for performance of the survey.

What other rights do you have?

The right of access to information and the rights to rectification, to erasure, and to restriction of processing

In accordance with Articles 14–17 of the EU GDPR, we hereby inform you that you have the right to access to or rectification of, erasure of, or restriction of the processing of your data at any time.

Right of revocation

If you have given us your consent to process your data, you can revoke this consent at any time without affecting the lawfulness of processing based on your consent before its withdrawal.

Right to complain

You have the right to lodge a complaint with a competent supervisory authority at any time.

Landesbeauftragte für Datenschutz und Informationsfreiheit Nordrhein-Westfalen (State Commissioner for Data Protection and Freedom of Information North Rhine-Westphalia)

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Fax: +49 211 38424–999

E-mail: poststelle@ldi.nrw.de

Further information

If you have any questions, please do not hesitate to contact us.



Application for Thrombophilia screening 2025



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Thrombophilia screening 2025 please cross on the back

Dear participant,

If you are already registered as participant, please enter your participant number. This will be sufficient unless your address has changed.

participant no

new client

Delivery address

Name / Institute:

Street:

Postcode / City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no.:

VAT no.:

Contact person:

Invoice address if different from delivery address

Name / Institute:

Your comment

Street:

Postcode / City:

VAT no.:

Telephone:

Telefax:

E-mail:

In accordance with the participation conditions for the survey "Thrombophilia screening" in cooperation with the Dutch organization ECAT, I hereby declare my participation in the ordered survey outlined in the current survey plan (see side back).

For information about our data policy, please refer to our data protection declaration on page 67.

Date

Signature



Application form for Thrombophilia screening 2025

We cannot accept cancellations during the annual program.

participant no

new client

Annual subscription fee

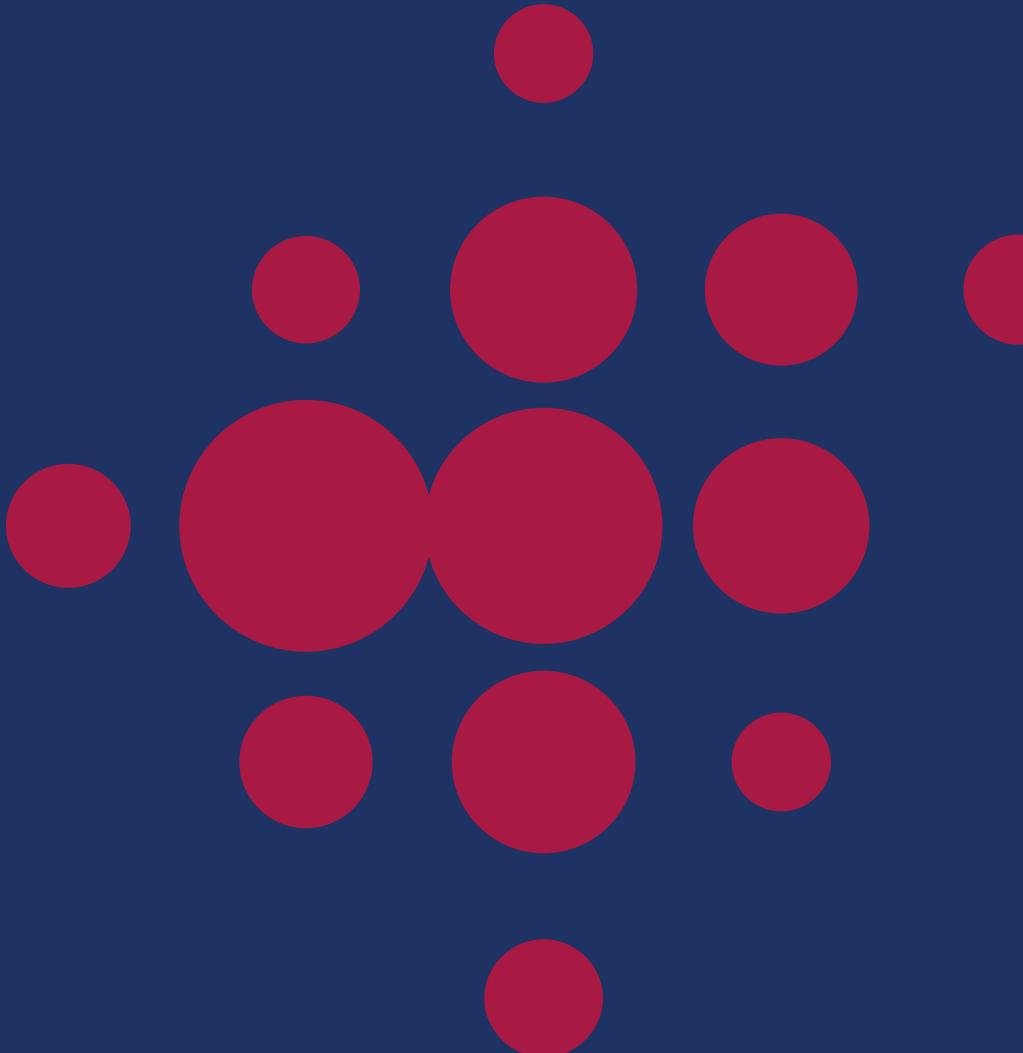
1	<input type="checkbox"/> result submission via Internet/report internet (ECAT Website)	162,00 €
---	--	----------

Analytes four times yearly: TH1/25, TH2/25, TH3/25, TH4/25

1	<input type="checkbox"/> Thrombophilia module I Includes an annual report on the long-time evaluation of test results Antithrombin (activity and antigen) Protein C (activity [chromogenic and clotting] and antigen) Protein S activity Protein S antigen (free and total)	443,00 €
2	<input type="checkbox"/> Thrombophilia module II (APC resistance)	180,00 €
3	<input type="checkbox"/> Lupus Anticoagulant/Antiphospholipid Antibodies	216,00 €
4	<input type="checkbox"/> Von Willebrand Factor module (antigen, ristocetin cofactor activity, activity, collagen binding, multimers, Factor VIII)	336,00 €
5	<input type="checkbox"/> ADAMTS-13 - I (activity and antigen)	237,00 €
6	<input type="checkbox"/> Factor XIII (activity and antigen)	166,00 €
7	<input type="checkbox"/> Fibrinolysis parameters I (Plasminogen, Antiplasmin)	163,00 €
8	<input type="checkbox"/> Fibrinolysis parameters II (t-PA, PAI-1)	163,00 €
9	<input type="checkbox"/> Unfractionated Heparin Monitoring (anti-Xa)	146,00 €
A	<input type="checkbox"/> Low-Molecular Weight Heparin Monitoring (anti-Xa)	146,00 €

Analytes two times yearly:

B	<input type="checkbox"/> Factor VIII Inhibitor (TH2/25 + TH4/25)	224,00 €
C	<input type="checkbox"/> Thrombin Generation Test (TH1/25 + TH3/25)	169,00 €
D	<input type="checkbox"/> ADAMTS-13 - II (antibodies) (TH2/25 + TH4/25)	154,00 €
E	<input type="checkbox"/> Factor IX Inhibitor (TH1/25 + TH3/25)	224,00 €
F	<input type="checkbox"/> HIT - I (Immunological testing) (TH1/25 + TH3/25)	253,00 €
G	<input type="checkbox"/> ADAMTS-13 - III (functional inhibitor) (TH2/25 + TH4/25)	202,00 €



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