

Surveys 2017

Reference Institute for Bioanalytics
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Dear participant,
Dear interested party,

As the organisation appointed by the German Medical Association for interlaboratory comparisons, we will offer all surveys in 2017 as stipulated in the quality assurance guidelines for laboratory testing.

For 2017, we have also significantly expanded the range of analytes for which there is no obligation to participate in an interlaboratory comparison and which presently includes approximately 150 measurement parameters. We would particularly like to draw your attention to the additional surveys in the field of virus serology and screening for resistant pathogens, which are becoming increasingly important.

The online survey process is supported to a large extent by our web system and, at the beginning of this year, we added 2 essential functions to this (see p. 5):

- In the evaluations area, you can now find a brief overview and also download all completed evaluations,
- You can register for "reminder emails for measured data" in the profile settings.

We would also like to point out the free RfB workshop where we would like to present various aspects of our work and where we would also like to seek dialog with you. The workshop will take place on 30.9.2016 at the German Congress for Laboratory Medicine (DKLM) in Mannheim.

At the end of 2016, Dr. Kruse will embark on his well-earned retirement after 35 years at the RfB, having spent almost 20 years as the head of the RfB. We thank Dr. Kruse under whose leadership the challenging implementation of continuously changing conditions has been extremely successful. We also thank him for his many years of commitment.

Finally, it just remains for us to assure you that, as before, we would like to represent the ongoing development of laboratory medicine and will make every effort to provide you with new offerings. The RfB team, our scientific advisors and the calibration and reference laboratories will assist us with this as competent supporters.

We look forward to the continued collaboration with you!

Best regards
On behalf of the RfB team



A handwritten signature in blue ink, appearing to read 'W.-J. Geilenkeuser'.

Dr. Wolf-Jochen Geilenkeuser



A handwritten signature in blue ink, appearing to read 'A. Kessler'.

Dr. Anja Kessler

Topics

Advices and explanations concerning the processes for registration and ordering are described on page 56.

Titles of individual chapters

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

In 2017, we will offer the following new surveys two times a year.

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	OS Bone metabolism.....	page 17
	SV Saliva diagnostic.....	page 20
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	HerpVimm - Herpes viruses serology.....	page 29
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	B-Stscre - B-Streptococci screening.....	page 38
	MRGNscre - MRGN screening.....	page 40
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New orders

When ordering new surveys with sets please notice the correct entering of the sets desired.

Fees

Please note that the prices given in this program are net prices.

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

please call +49 228 926895-0

or send us an e-mail info@dgkl-rfb.de

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21	TH	Thrombophilia screening (cooperation with the Dutch organization ECAT)
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22	TR	Clinical chemical analytes in serum „dry chemistry“
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24	ZL	Cell count in cerebrospinal fluid (CSF)
24	ZY	Cytokines

Qualitative determinations

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25	AL	Allergology
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26	CMVimm	CMV serology
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27	DS	Drug screening in urine
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28	HAVimm	HAV serology
28	HBVimm1 Minor	HBV serology
28	HBVimm2 Major	HBV serology
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29	HerpVimm	Herpes viruses serology
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30	HS	Urinary calculus
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35	ZZ	Cerebrospinal fluid cytology

Direct detections of pathogens

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36	BakNAT1	Genome evidence
37	BakNAT2	Genome evidence
37	BAK-TK	Proficiency panel to detect bacteria in platelet concentrates
38	BM	Bacteriology Minor
38	B-Stscre	B-Streptococci screening
38	ChlamTra	Chlamydia trachomatis AG
39	CrypCand	Cryptococcus neoformans and candida albicans antigen
39	GP	Gram-staining
39	HEVPCR	Hepatitis E virus
40	Infl-RSV	Influenza and RSV antigen evidence
40	MRGNscre	MRGN screening
40	MRSAscre	MRSA screening
41	MykCult	Cultivation and identification of fungi
41	MykIdent	Identification of fungi
41	NoroPCR	Norovirus PCR
42	ParasitB	Parasites in blood
42	ParasitS	Parasites in stool
42	PolyVir1	Genome evidence group 1
43	PolyVir2	Genome evidence group 2
43	ToxoGen	Toxoplasma gondii genome
44	TubDiag	Tuberculosis diagnostics
44	VREscre	VRE screening

Ejaculate investigation

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

46	ctDNA	circulating tumor DNA
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Our websites handy address is

www.rfb.bio

(the former address www.dgkl-rfb.de remains valid).

Open to all interested people, you can find there:

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

Registered online users have (after login) more possibilities to handle the whole 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.
- Shipment options with reduced paper consumption.
- Summary over finished surveys per year.
- **To register:**
Please use the corresponding link on our homepage or use the form on the next page.
- For any questions or comments please contact us via e-mail: info@dgkl-rfb.de




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Dear participant,

The registration as online user can only take place, if you are applied for surveys.

participant no 

Address

Institute:

Name:

Street:

City:

Country:

Telephone:

Fax:

Contact person:

Registration as online user

E-mail-address:

Your comment

.....
.....
.....

.....
Date

.....
Signature

Quantitative determinations

AD Automatic differential count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AD1/17	09.01.17	01.02.17	02.02.17	08.02.17
AD2/17	10.04.17	10.05.17	11.05.17	17.05.17
AD3/17	26.06.17	19.07.17	20.07.17	26.07.17
AD4/17	18.09.17	11.10.17	12.10.17	18.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT, plus special freight	30,00 €
	each additional pair of samples	25,00 €

➤ **Sample material**

blood, liquid, 2 samples each 1 ml

➤ **Analytes**

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

➤ **Information**

The samples have only a very limited stability and are sent to you therefore with an express or parcel courier. The costs will be charged additionally.
The registration form for this survey you will find on page 61/62.

AK Therapeutic drug monitoring

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AK1/17	27.12.16	11.01.17	16.01.17	28.01.17
AK2/17	03.04.17	19.04.17	24.04.17	06.05.17
AK3/17	19.06.17	05.07.17	10.07.17	22.07.17
AK4/17	11.09.17	27.09.17	02.10.17	14.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT		
	material	fee	additional set
	set 1	54,00 €	34,00 €
	set 2	45,50 €	34,00 €
	set 1 and set 2	80,00 €	68,00 €

➤ **Sample material**

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

➤ **Analytes**

set 1		set 2	
carbamazepine	phenytoin	amikacin	methotrexate
digoxin	primidone	caffein	tobramycin
ethosuximide	theophylline	digitoxin	vancomycin
lithium	valproic acid	gentamycin	
phenobarbital			

➤ **Information**

The registration form for this survey you will find on page 61/62.

AM Ammonia

Survey	Application deadline	Sample dispatch date	survey period from	to
AM1/17	21.11.16	11.01.17	16.01.17	28.01.17
AM2/17	20.03.17	05.04.17	10.04.17	22.04.17
AM3/17	19.06.17	05.07.17	10.07.17	22.07.17
AM4/17	11.09.17	27.09.17	02.10.17	14.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

30,00 €
each additional pair of samples **15,00 €**

➤ **Sample material**

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

➤ **Analyte**

ammonia

➤ **Information**

The registration form for this survey you will find on page 61/62.

BG Blood gas

Survey	Application deadline	Sample dispatch date	survey period from	to
BG1/17	02.01.17	18.01.17	23.01.17	04.02.17
BG2/17	27.03.17	11.04.17	18.04.17	29.04.17
BG3/17	10.07.17	26.07.17	31.07.17	12.08.17
BG4/17	02.10.17	18.10.17	23.10.17	04.11.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

42,00 €
each additional pair of samples **22,00 €**

➤ **Sample material**

gas equilibrated solution, liquid , 2 ampoules each 2 ml

➤ **Analytes**

pH	calcium, ionized	potassium
pCO ₂	chloride	lactate
pO ₂	glucose	sodium

➤ **Information**

The registration form for this survey you will find on page 61/62.

BI Neonatal bilirubin

Survey	Application deadline	Sample dispatch date	survey period from	to
BI1/17	27.12.16	11.01.17	16.01.17	28.01.17
BI2/17	27.03.17	11.04.17	18.04.17	29.04.17
BI3/17	26.06.17	12.07.17	17.07.17	29.07.17
BI4/17	25.09.17	11.10.17	16.10.17	28.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

41,00 €
each additional pair of samples **26,00 €**

➤ **Sample material**

serum, lyophilized, 2 samples each 2 ml

▶ Analytes	bilirubin, total	bilirubin, conjugated bilirubin, direct	bilirubin, unconjugated bilirubin, indirect
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▶ Information	These specimens contain concentrations of bilirubin which are characteristic in neonatology. The registration form for this survey you will find on page 61/62.		
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CM Cardiac markers

Survey	Application deadline	Sample dispatch date	survey period from	to
CM1/17	16.01.17	01.02.17	06.02.17	18.02.17
CM2/17	10.04.17	26.04.17	02.05.17	13.05.17
CM3/17	26.06.17	12.07.17	17.07.17	29.07.17
CM4/17	11.09.17	27.09.17	02.10.17	14.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT	material	fee	additional set
	set 1	47,00 €	29,00 €
	set 2	32,50 €	27,00 €
	set 1 and set 2	71,00 €	56,00 €

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

▶ Analytes	set 1	set 2
	CK-MB	BNP
	myoglobine	
	NT-proBNP	cardiac troponin T
	cardiac troponin I	test strips

▶ Information	The registration form for this survey you will find on page 61/62.
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CS Immunosuppressives

Survey	Application deadline	Sample dispatch date	survey period from	to
CS1/17	23.01.17	14.02.17	15.02.17	25.02.17
CS2/17	07.08.17	29.08.17	30.08.17	09.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT	material	fee	additional set
	set 1	39,00 €	27,00 €
	set 2	34,00 €	14,00 €
	set 1 and set 2	53,00 €	41,00 €

▶ 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	

▶ Information	The registration form for this survey you will find on page 61/62.
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DD D-Dimer

Survey	Application deadline	Sample dispatch date	survey period from	to
DD1/17	16.01.17	01.02.17	06.02.17	18.02.17
DD2/17	18.04.17	03.05.17	08.05.17	20.05.17
DD3/17	03.07.17	19.07.17	24.07.17	05.08.17
DD4/17	02.10.17	18.10.17	23.10.17	04.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

each additional pair of samples **39,00 €**
20,00 €

▶ **Sample material**

plasma, lyophilized, 2 samples each 1 ml

▶ **Analyte**

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

▶ **Information**

The registration form for this survey you will find on page 61/62.

DT CD Transferrin

Survey	Application deadline	Sample dispatch date	survey period from	to
DT1/17	20.02.17	08.03.17	13.03.17	01.04.17
DT2/17	31.07.17	16.08.17	21.08.17	09.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT

each additional pair of samples **48,00 €**
33,00 €

▶ **Sample material**

serum, lyophilized 2 samples each 0,5 ml

▶ **Analyte**

CDT (Carbohydrate Deficient Transferrin)

▶ **Information**

CDT represents a so-called alcoholic marker which is employed in the determination of alcohol abuse.
The registration form for this survey you will find on page 61/62.

EG Ethylglucuronide

Survey	Application deadline	Sample dispatch date	survey period from	to
EG1/17	23.01.17	11.04.17	18.04.17	29.04.17
EG2/17	29.05.17	20.09.17	25.09.17	07.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

each additional pair of samples **32,00 €**
22,00 €

▶ **Sample material**

urine, lyophilized, 2 samples each 1 ml

▶ **Analyte**

Ethylglucuronide

▶ **Information**

The registration form for this survey you will find on page 61/62.

ET Ethanol

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ET1/17	09.01.17	25.01.17	30.01.17	11.02.17
ET2/17	03.04.17	19.04.17	24.04.17	06.05.17
ET3/17	10.07.17	26.07.17	31.07.17	12.08.17
ET4/17	02.10.17	18.10.17	23.10.17	04.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

38,00 €

each additional pair of samples

20,00 €

▶ **Sample material**

serum, liquid, 2 samples each 2 ml

▶ **Analyte**

ethanol

▶ **Information**

The registration form for this survey you will find on page 61/62.

GH Glycated hemoglobin

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
GH1/17	09.01.17	25.01.17	30.01.17	11.02.17
GH2/17	10.04.17	26.04.17	02.05.17	13.05.17
GH3/17	26.06.17	12.07.17	17.07.17	29.07.17
GH4/17	02.10.17	18.10.17	23.10.17	04.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

47,00 €

each additional pair of samples

34,00 €

▶ **Sample material**

lyophilized full blood or hemolysate, 2 samples each 0,5 ml

▶ **Analytes**

Hb A1 Hb A1c

▶ **Information**

The registration form for this survey you will find on page 61/62.

GL Glucose (wet and POCT/dry chemistry)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
GL1/17	28.11.16	14.12.16	02.01.17	14.01.17
GL2/17	06.03.17	22.03.17	27.03.17	08.04.17
GL3/17	29.05.17	13.06.17	19.06.17	01.07.17
GL4/17	04.09.17	20.09.17	25.09.17	07.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

30,00 €

each additional pair of samples

18,00 €

▶ **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 which 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. Accucheck, Accutrend, Ascensia Elite, HemoCue etc.).
The registration form for this survey you will find on page 61/62.

GR Coagulation

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
GR1/17	16.01.17	01.02.17	06.02.17	18.02.17
GR2/17	18.04.17	03.05.17	08.05.17	20.05.17
GR3/17	03.07.17	19.07.17	24.07.17	05.08.17
GR4/17	02.10.17	18.10.17	23.10.17	04.11.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

	evaluation pair analytical results	
	1-5	54,00 €
	6-10	61,50 €
	each additional 5 pairs of analytical results	7,50 €
	each additional pair of samples	34,00 €

➤ **Sample material**

plasma, lyophilized, 2 samples each 1 ml

➤ **Analytes**

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

➤ **Information**

The registration form for this survey you will find on page 61/62.

HA Hematology - Full blood count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HA1/17	09.01.17	31.01.17	01.02.17	08.02.17
HA2/17	10.04.17	09.05.17	10.05.17	17.05.17
HA3/17	26.06.17	18.07.17	19.07.17	26.07.17
HA4/17	18.09.17	10.10.17	11.10.17	18.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

	each additional pair of samples	44,00 €
		33,00 €

➤ **Sample material**

prepared blood, liquid, 2 samples each 2 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. The registration form for this survey you will find on page 61/62.

HM Hormones - Group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HM1/17	12.12.16	04.01.17	09.01.17	28.01.17
HM2/17	20.03.17	05.04.17	10.04.17	29.04.17
HM3/17	12.06.17	28.06.17	03.07.17	22.07.17
HM4/17	28.08.17	13.09.17	18.09.17	07.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-4	47,50 €
5-8	51,50 €
each additional 4 pairs analytical results	4,00 €
each additional pair of samples	32,00 €

> 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	

> Information

steroid hormones, thyroid hormones

Free estriol can be determined only in the survey for pregnancy diagnostic (SD).

The registration form for this survey you will find on page 63/64.

HP Hormones - Group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HP1/17	12.12.16	04.01.17	09.01.17	28.01.17
HP2/17	20.03.17	05.04.17	10.04.17	29.04.17
HP3/17	12.06.17	28.06.17	03.07.17	22.07.17
HP4/17	28.08.17	13.09.17	18.09.17	07.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-2	33,50 €
3-6	37,50 €
each additional 4 pairs of analytical results	4,00 €
each additional pair of samples	22,50 €

> Sample material

serum, lyophilized, 2 samples each 3 ml

> Analytes

ferritin	IGF-1	parathormone	SHBG
folic acid	IGFBP-3	prolactin	vitamin B ₁₂
FSH	insulin	renin / renin-activity	
hGH (somatotropin/growth hormone)	LH		

> Information

The registration form for this survey you will find on page 63/64.

IG Serum proteins

Survey	Application deadline	Sample dispatch date	survey period from	to
IG1/17	27.12.16	10.01.17	16.01.17	28.01.17
IG2/17	03.04.17	18.04.17	24.04.17	06.05.17
IG3/17	19.06.17	04.07.17	10.07.17	22.07.17
IG4/17	11.09.17	26.09.17	02.10.17	14.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-2	43,00 €
3-6	47,00 €
each additional 4 pairs analytical results	4,00 €
each additional pair of samples	32,00 €

➤ Sample material

serum, liquid, 2 samples each 1 ml

➤ Analytes

albumin	CRP	haptoglobin	IgM
α1-antitrypsin	cystatin C	IgA	prealbumin
α1-glycoprotein	C3 complement	IgE	transferrin
coeruloplasmin	C4 complement	IgG	sol. transferrin receptor
			CRP qualitative

➤ Information

The registration form for this survey you will find on page 63/64.

IS Immunophenotyping (flow cytometry)

Survey	Application deadline	Sample dispatch date	survey period from	to
IS1/17	30.01.17	20.02.17	21.02.17	23.02.17
IS2/17	21.08.17	11.09.17	12.09.17	14.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT, plus special freight

	40,00 €
each additional pair of samples	25,50 €

➤ 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-B27
lymphocyte count	T-helper cells	

➤ Information

The samples have only a very limited stability and are sent to you therefore with an express or parcel courier. The costs will be charged additionally.
The registration form for this survey you will find on page 63/64.

KL Clinical chemical analytes in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
KL1/17	02.01.17	18.01.17	23.01.17	04.02.17
KL2/17	13.03.17	29.03.17	03.04.17	15.04.17
KL3/17	06.06.17	21.06.17	26.06.17	08.07.17
KL4/17	04.09.17	20.09.17	25.09.17	07.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT					42,00 €
					each additional set of samples	24,00 €
▶	Sample material					
	CSF, lyophilized		2 samples each 3 ml			
	serum, lyophilized		2 samples each 1 ml			
▶	Analytes					
	albumin	glucose	IgG	IgM	indices	
	total protein	lactate	IgA	quotients	diagnoses	
▶	Information					
	The additional serum samples serve to calculate the corresponding quotients.					
	The registration form for this survey you will find on page 63/64.					

KS Clinical chemical analytes in serum „wet chemistry“

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
KS1/17	28.11.16	14.12.16	02.01.17	07.01.17
KS2/17	23.01.17	08.02.17	13.02.17	18.02.17
KS3/17	06.03.17	22.03.17	27.03.17	01.04.17
KS4/17	24.04.17	10.05.17	15.05.17	27.05.17
KS5/17	06.06.17	21.06.17	26.06.17	01.07.17
KS6/17	17.07.17	02.08.17	07.08.17	12.08.17
KS7/17	11.09.17	27.09.17	02.10.17	07.10.17
KS8/17	16.10.17	31.10.17	06.11.17	11.11.17

€	Fee for each survey inclusive sample material, net prices plus VAT		
		evaluation pair analytical results	
		1-8	42,00 €
		9-12	45,00 €
		each additional 4 pairs analytical results	3,00 €
		each additional pair of samples	23,00 €

▶	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 (electrophoresis)	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,
	calcium	urea	prostate (only enzyme
	calcium, ionized	potassium	activity)
	chloride	creatinine	triglycerides
	cholesterol	copper	
	cholinesterase	lactate	
		LDH, lactate dehydrogenase	

▶ **Information**
The registration form for this survey you will find on page 63/64.

KU Clinical chemical analytes in urine

Survey	Application deadline	Sample dispatch date	survey period from	to
KU1/17	02.01.17	18.01.17	23.01.17	04.02.17
KU2/17	13.03.17	29.03.17	03.04.17	15.04.17
KU3/17	06.06.17	21.06.17	26.06.17	08.07.17
KU4/17	04.09.17	20.09.17	25.09.17	07.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

each additional pair of samples **41,00 €**
27,00 €

▶ Sample material

urine, lyophilized, 2 samples each 5 ml

▶ Analytes

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

▶ 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.
The registration form for this survey you will find on page 63/64.

LP Lipoproteins

Survey	Application deadline	Sample dispatch date	survey period from	to
LP1/17	23.01.17	08.02.17	13.02.17	25.02.17
LP2/17	10.04.17	26.04.17	02.05.17	13.05.17
LP3/17	26.06.17	12.07.17	17.07.17	29.07.17
LP4/17	18.09.17	04.10.17	09.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

each additional pair of samples **45,00 €**
27,00 €

▶ Sample material

serum, lyophilized, 2 samples each 3 ml

▶ Analytes

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

▶ Information

The registration form for this survey you will find on page 63/64.

NBS Newborn screening

Survey	Application deadline	Sample dispatch date	survey period from	to
NBS1/17	09.01.17	25.01.17	30.01.17	18.02.17
NBS2/17	27.03.17	11.04.17	18.04.17	06.05.17
NBS3/17	19.06.17	05.07.17	10.07.17	29.07.17
NBS4/17	04.09.17	20.09.17	25.09.17	14.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	43,00 €
	each additional set of samples	26,00 €
▶	Sample material filter papers, each with 2 dried blood spots	
▶	Analytes TSH 17-OH-progesterone IRT PAP	
▶	Information The registration form for this survey you will find on page 63/64.	

OH Hemoglobin derivates

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
OH1/17	02.01.17	18.01.17	23.01.17	04.02.17
OH2/17	27.03.17	11.04.17	18.04.17	29.04.17
OH3/17	10.07.17	26.07.17	31.07.17	12.08.17
OH4/17	02.10.17	18.10.17	23.10.17	04.11.17

€	Fee for each survey inclusive sample material, net prices plus VAT	34,00 €
	each additional pair of samples	18,00 €
▶	Sample material hemolysate, 2 samples each 2 ml	
▶	Analytes hemoglobin (total) oxyhemoglobin (HbO ₂) carboxyhemoglobin (COHb) methemoglobin (metHb)	
▶	Information The registration form for this survey you will find on page 63/64.	

OS Bone metabolism

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
OS1/17	21.01.17	11.04.17	18.04.17	29.04.17
OS2/17	29.05.17	20.09.17	25.09.17	07.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	85,00 €
	each additional pair of samples	48,00 €
▶	Sample material serum, lyophilized, 2 samples each 2 ml	
▶	Analyte osteocalcin, bone specific alkaline phosphatase (BAP), CTx (CrossLaps) and P1NP	
▶	Information The registration form for this survey you will find on page 63/64.	

PH Photometer control

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PH1/17	16.01.17	01.02.17	06.02.17	18.02.17
PH2/17	14.08.17	30.08.17	04.09.17	16.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT

30,00 €

each additional set of samples

20,00 €

▶ 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 wave lengths listed can be tested.

The registration form for this survey you will find on page 63/64.

RE Reticulocytes

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
RE1/17	17.10.16	31.01.17	01.02.17	08.02.17
RE2/17	10.04.17	09.05.17	10.05.17	17.05.17
RE3/17	26.06.17	18.07.17	19.07.17	26.07.17
RE4/17	18.09.17	10.10.17	11.10.17	18.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

52,00 €

each additional pair of samples

36,00 €

▶ Sample material

blood preparation, liquid, 2 samples each about 1 ml

▶ Analytes

reticulocyte count

▶ Information

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

The registration form for this survey you will find on page 63/64.

RF Rheumatoid factors

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
RF1/17	06.02.17	22.02.17	27.02.17	11.03.17
RF2/17	24.04.17	10.05.17	15.05.17	27.05.17
RF3/17	17.07.17	02.08.17	07.08.17	19.08.17
RF4/17	18.09.17	04.10.17	09.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	35,50 €	21,00 €
set 2	24,00 €	17,50 €
set 1 and set 2	47,50 €	38,50 €

▶ **Sample material**
serum, lyophilized, 2 samples each 1 ml

▶ **Analytes**

set 1

rheumatoid factors qualitative and quantitative
anti-CCP-Ab (anti-cyclic citrullinated peptide antibodies)
IgA-RF
IgG-RF
IgM-RF

set 2

anti-streptolysin O qualitative and quantitative

▶ **Information**

The registration form for this survey you will find on page 63/64.

SA Thyroid antibodies

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SA1/17	12.12.16	08.03.17	13.03.17	25.03.17
SA2/17	22.05.17	09.08.17	14.08.17	26.08.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

47,00 €
each additional pair of samples 34,00 €

▶ **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)

▶ **Information**

The registration form for this survey you will find on page 63/64.

SD Pregnancy diagnostic

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SD1/17	12.12.16	04.01.17	09.01.17	28.01.17
SD2/17	20.03.17	05.04.17	10.04.17	29.04.17
SD3/17	12.06.17	28.06.17	03.07.17	22.07.17
SD4/17	28.08.17	13.09.17	18.09.17	07.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

material	fee	additional set
set 1	39,00 €	22,00 €
set 2	35,00 €	25,00 €
set 1 and set 2	65,00 €	47,00 €

▶ **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. The registration form for this survey you will find on page 63/64.

SP Trace elements in urine

Survey	Application deadline	Sample dispatch date	survey period from	to
SP1/17	06.02.17	22.02.17	27.02.17	18.03.17
SP2/17	24.07.17	09.08.17	14.08.17	02.09.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

48,00 €
each additional pair of samples **34,00 €**

➤ **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	

➤ **Information**

The registration form for this survey you will find on page 65/66.

SV Saliva diagnostic

Survey	Application deadline	Sample dispatch date	survey period from	to
SV1/17	23.01.17	11.04.17	18.04.17	29.04.17
SV2/17	29.05.17	20.09.17	25.09.17	07.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

32,00 €
each additional pair of samples **22,00 €**

➤ **Sample material**

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

➤ **Analyte**

cortisol, 17-OH-progesterone

➤ **Information**

The registration form for this survey you will find on page 65/66.

TH Thrombophilia screening

Survey	Application deadline	Dispatch date	Closing date
TH1/17	07.12.16	28.02.17	01.04.17
TH2/17		30.05.17	01.07.17
TH3/17		22.08.17	23.09.17
TH4/17		07.11.17	09.12.17

€ Fee for each survey inclusive sample material, net prices plus VAT

Please note, that you can order only all the **two** resp. **four** surveys of the year together!
An order of a single survey (one/two times a year) is not possible in this case.

	Fee
Result submission via internet/report internet, annual subscription fee	87,50 €
Result submission via internet/report internet+post, annual subscription fee	137,50 €

The following prices are valid in each case for all four surveys:

Thrombophilia module I	350,00 €
Thrombophilia module II	135,00 €
Lupus Anticoagulant / Antiphospholipid Antibodies	135,00 €
Von Willebrand Faktor module (antigen, activity, collagen binding, multimers, Factor VIII)	123,00 €
ADAMTS-13 (activity and antigen)	157,50 €
Factor XIII	123,00 €
Fibrinolysis parameters I (Plasminogen, Antiplasmin)	123,00 €
Fibrinolysis parameters II (t-PA, PAI-1)	123,00 €
Unfractionated Heparin Monitoring (anti-Xa)	114,00 €
Low-Molecular Weight Heparin Monitoring (anti-Xa)	114,00 €

The following prices are valid in each case for all two surveys:

Faktor VIII Inhibitor	138,00 €
Thrombin Generation Test	132,50 €
ADAMTS-13 (inhibitor)	80,00 €
Factor IX Inhibitor	138,00 €

The following prices are valid in each case for one survey

HIT - Immunological assays	82,50 €
HIT - Functional assays	96,50 €

▶ Sample material

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

▶ Analytes 4 per year: TH1/17, TH2/17, TH3/17, TH4/17

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 / Antiphospholipide Antibodies

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

ADAMTS-13 (activity and antigen)

Factor XIII

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 (TH2/17 + TH4/17)

Thrombin Generation Test (TH2/17 + TH4/17)

ADAMTS-13 (inhibitor) (TH2/17 + TH4/17)

Faktor IX Inhibitor (TH1/17 + TH3/17)

▶ Analytes 1 per year:

HIT - Immunological assays (TH3/17)

HIT - Functional Testing (TH3/17)

▶ **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 with different volume (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 programme.

The result submission is only possible via internet.

The registration form for this survey you will find on page 59/60.

TM Tumor markers

Survey	Application deadline	Sample dispatch date	survey period from	to
TM1/17	12.12.16	04.01.17	09.01.17	28.01.17
TM2/17	20.03.17	05.04.17	10.04.17	29.04.17
TM3/17	12.06.17	28.06.17	03.07.17	22.07.17
TM4/17	28.08.17	13.09.17	18.09.17	07.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

evaluation pair analytical results	
1-2	41,00 €
3-6	46,00 €
each additional 4 pairs of analytical results	5,00 €
each additional pair of samples	33,00 €

▶ **Sample material**

serum, lyophilized, 2 samples each 2,5 ml

▶ **Analytes**

AFP	calcitonin	β-2-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

▶ **Information**

The registration form for this survey you will find on page 65/66.

TR Clinical chemical analytes in serum „dry chemistry“

Survey	Application deadline	Sample dispatch date	survey period from	to
TR1/17	28.11.16	14.12.16	02.01.17	14.01.17
TR2/17	06.03.17	22.03.17	27.03.17	08.04.17
TR3/17	19.06.17	05.07.17	10.07.17	22.07.17
TR4/17	18.09.17	04.10.17	09.10.17	21.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	
	evaluation pair analytical results	
	1-8	39,50 €
	9-12	43,50 €
	each additional 4 pairs of analytical results	4,00 €
	each additional pair of samples	22,00 €

➤ **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. The registration form for this survey you will find on page 65/66.

VT Vitamins and analgesics

Survey	Application deadline	Sample dispatch date	survey period from	to
VT1/17	20.02.17	08.03.17	13.03.17	25.03.17
VT2/17	24.07.17	09.08.17	14.08.17	26.08.17

€	Fee for each survey inclusive sample material, net prices plus VAT	39,00 €
	each additional pair of samples	24,00 €

➤ **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 (D3, 25-OH-cholecalciferol), 1,25-(OH) ₂ -D3		
vitamin E (tocopherol) and vitamin D total		

➤ **Information**
The registration form for this survey you will find on page 65/66.

ZL Cell count in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
ZL1/17	31.10.16	01.03.17	06.03.17	11.03.17
ZL2/17	19.06.17	20.09.17	25.09.17	30.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT

63,50 €

each additional pair of samples

45,00 €

▶ Sample material

cerebrospinal fluid, 2 samples each about 2 ml

▶ Analytes

erythrocyte count
leukocyte count

▶ Information

In this survey erythrocytes (red cells) and leukocytes (white cells) can be counted with visual methods (microscope) or electronic methods from a cerebrospinal fluid.

The registration form for this survey you will find on page 65/66.

ZY Cytokines

Survey	Application deadline	Sample dispatch date	survey period from	to
ZY1/17	06.02.17	22.02.17	27.02.17	11.03.17
ZY2/17	18.04.17	03.05.17	08.05.17	20.05.17
ZY3/17	17.07.17	02.08.17	07.08.17	19.08.17
ZY4/17	18.09.17	04.10.17	09.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

41,00 €

each additional pair of samples

25,00 €

▶ Sample material

serum, lyophilized, 2 samples each 2 ml

▶ Analytes

Interleukin-6	(IL-6)	lipopolysaccharide-binding-protein (LBP)	Additionally PCT can also be determined with half quantitative procedures.
Interleukin-8	(IL-8)	procalcitonin (PCT)	
Interleukin-10	(IL-10)	soluble IL-2 receptor (sIL-2R)	
		tumor necrosis factor-alpha (TNF α)	

▶ Information

The registration form for this survey you will find on page 65/66.

Qualitative determinations

AI Antinuclear antibodies

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AI1/17	27.12.16	01.03.17	06.03.17	18.03.17
AI2/17	03.07.17	06.09.17	11.09.17	23.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	69,00 €	42,00 €
set 2	69,00 €	42,00 €
set 1 and set 2	123,00 €	84,00 €

> 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

> Information

The registration form for this survey you will find on page 65/66.

AL Allergy

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AL1/17	30.01.17	15.02.17	20.02.17	04.03.17
AL2/17	24.04.17	10.05.17	15.05.17	27.05.17
AL3/17	17.07.17	02.08.17	07.08.17	19.08.17
AL4/17	18.09.17	04.10.17	09.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	25,00 €	11,00 €
set 2	57,50 €	38,00 €
set 1 and set 2	67,50 €	49,00 €

> 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 in some cases may be different depending on the producer.

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

AL1/17: birch (t3), mites (d1), Hazelnut (f17), honey bee venom (i1), wheat flour (f4), apple (f49)

AL2/17: blue grass (g8), cat epithelia (e1), celery (f85), wasp venom (i3), cow's milk protein (f2), mites (d2)

AL3/17: birch (t3), mites (d1), peanut (f13), honey bee venom (i1), rye flour (f5), mugwort (w6)

AL4/17: blue grass (g8), dog danders (e5), celery (f85), wasp venom (i3), rye, cultivated (g12), soybean (f14)

> Analytes

IgE
specific IgE antibodies

➤ **Information**

From a large number of possible IgE-antibodies we will supply for investigation changing groups of antibodies. It is also possible to give a classification of the stage of sensibilisation.
The registration form for this survey you will find on page 65/66.

BorrBimm Anti-Borrelia burgdorferi

Survey	Application deadline	Sample dispatch date	survey period from	to
BorrBimm1/17	03.04.17	17.05.17	22.05.17	03.06.17
BorrBimm2/17	21.08.17	04.10.17	09.10.17	21.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

45,00 €
each additional set of samples **25,00 €**

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

Anti-Borrelia burgdorferi IgG Anti-Borrelia burgdorferi IgM Anti-Borrelia burgdorferi total

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 65/66.

CMVimm CMV serology

Survey	Application deadline	Sample dispatch date	survey period from	to
CMVimm1/17	09.01.17	15.03.17	20.03.17	01.04.17
CMVimm2/17	26.06.17	30.08.17	04.09.17	16.09.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

88,00 €
each additional set of samples **44,00 €**

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

Anti-CMV IgG + total Anti-CMV IgM

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 65/66

DF Hematology - Differential blood count

Survey	Application deadline	Sample dispatch date	survey period from	to
DF1/17	09.01.17	25.01.17	30.01.17	11.02.17
DF2/17	03.04.17	19.04.17	24.04.17	06.05.17
DF3/17	03.07.17	19.07.17	24.07.17	05.08.17
DF4/17	11.09.17	27.09.17	02.10.17	14.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

40,50 €
each additional pair of samples **20,50 €**

➤ **Sample material**

2 blood slides, **stained** Pappenheim

➤ **Information**

The registration form for this survey you will find on page 65/66.

DS Drug screening in urine

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
DS1/17	30.01.17	15.02.17	20.02.17	04.03.17
DS2/17	24.04.17	10.05.17	15.05.17	27.05.17
DS3/17	10.07.17	26.07.17	31.07.17	12.08.17
DS4/17	18.09.17	04.10.17	09.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

57,00 €

each additional pair of samples

33,00 €

▶ Sample material

urine, lyophilized, 2 samples each 10 ml

▶ Analytes

amphetamines etc.	(about 30 different)	methadon/metab.	
barbiturates	(about 30 different)	methaqualon/metab.	
benzodiazepines	(about 50 different)	opiates/opioide	(about 30 different)
cannabinoids		phencyclidine	
cocain/metab.		propoxyphene	
LSD		tricycl. antidepressants	(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 ring trial are to be determined primarily by means of qualitative immunoassays. In this ring trial, users of chromatographic methods are required to merely provide the confirmatory analysis for one lead compound. We offer systematic toxicological analysis in the SX ring trial as well in the TX ring trial, which is also to be assessed clinically with a case history. The registration form for this survey you will find on page 65/66.

EBVimm Epstein-Barr-Virus serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
EBVimm1/17	27.01.17	01.03.17	06.03.17	17.03.17
EBVimm2/17	07.07.17	23.08.17	28.08.17	09.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT

85,00 €

each additional set of samples

44,00 €

▶ Sample material

plasma, 4 samples, each 500 µl

▶ Analytes

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

▶ Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 65/66.

HAVimm HAV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HAVimm1/17	09.01.17	15.03.17	20.03.17	01.04.17
HAVimm2/17	26.06.17	30.08.17	04.09.17	16.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT 68,00 €
each additional set of samples 44,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

Anti-HAV IgG Anti-HAV IgM Anti-HAV total

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
 The registration form for this survey you will find on page 65/66.

HBVimm1 HBV serology minor

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HBVimm1 1/17	09.01.17	15.03.17	20.03.17	01.04.17
HBVimm1 2/17	26.06.17	30.08.17	04.09.17	16.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT 88,00 €
each additional set of samples 44,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

HBsAg Anti-HBs Anti-HBc

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
 The registration form for this survey you will find on page 65/66.

HBVimm2 HBV serology major

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HBVimm2 1/17	09.01.17	15.03.17	20.03.17	01.04.17
HBVimm2 2/17	26.06.17	30.08.17	04.09.17	16.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT 118,00 €
each additional set of samples 58,00 €

➤ **Untersuchungsmaterial**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

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

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
 The registration form for this survey you will find on page 65/66.

HCVimm HCV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HCVimm1/17	09.01.17	15.03.17	20.03.17	01.04.17
HCVimm2/17	26.06.17	30.08.17	04.09.17	16.09.17

€ **Fee for each survey inclusive sample material, net prices plus VAT** **88,00 €**

each additional set of samples **44,00 €**

- ▶ **Sample material**
4 liquid samples of defibrinated plasma or serum
- ▶ **Analytes**
Anti-HCV IgG + IgM
- ▶ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 65/66.

HerpVimm Herpes viruses serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HerpVimm1/17	27.01.17	01.03.17	06.03.17	17.03.17
HerpVimm2/17	07.07.17	23.08.17	28.08.17	09.09.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

set 1 **80,00 €**
set 2 **80,00 €**
set 1 + 2 **130,00 €**
each additional set of samples **44,00 €**

- ▶ **Sample material**
plasma, 4 samples, each 500 µl
- ▶ **Analytes**
Set 1: HSV 1/2 IgG + IgM
Set 2: VZV IgG + IgM
- ▶ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 67/68.

HIVimm HIV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HIVimm1/17	09.01.17	15.03.17	20.03.17	01.04.17
HIVimm2/17	26.06.17	30.08.17	04.09.17	16.09.17

€ **Fee for each survey inclusive sample material, net prices plus VAT** **118,00 €**

each additional set of samples **58,00 €**

- ▶ **Sample material**
4 liquid samples of defibrinated plasma or serum
- ▶ **Analytes**
Anti-HIV 1/2 Ak / Ag(p24)
- ▶ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 67/68.

HS Urinary calculus

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HS1/17	30.01.17	15.02.17	20.02.17	04.03.17
HS2/17	24.07.17	09.08.17	14.08.17	26.08.17

€	Fee for each survey inclusive sample material, net prices plus VAT	35,00 €
	each additional set of samples	14,00 €

➤ 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. The registration form for this survey you will find on page 67/68.

HTLVimm Human T-lymphotropic virus

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HTLVimm1/17	30.01.17	15.02.17	20.02.17	04.03.17
HTLVimm2/17	24.07.17	09.08.17	14.08.17	26.08.17

€	Fee for each survey inclusive sample material, net prices plus VAT	85,00 €
	each additional set of samples	42,00 €

➤ Sample material

lyophilized plasma, 4 samples

➤ Analytes

Human T-lymphotropic virus

➤ Information

For deliveries abroad additional freight charges will be invoiced possibly.

The registration form for this survey you will find on page 67/68.

IA Immunochemistry for automated systems

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IA1/17	16.01.17	07.02.17	08.02.17	18.02.17
IA2/17	27.03.17	18.04.17	19.04.17	29.04.17
IA3/17	10.07.17	01.08.17	02.08.17	12.08.17
IA4/17	25.09.17	17.10.17	18.10.17	28.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	81,00 €
	each additional set of samples	42,00 €

➤ Sample material

whole blood, liquid 2 samples each about 3 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

➤ Information

The registration form for this survey you will find on page 67/68.

IH Immunohematology Major (extended offer)

Survey	Application deadline	Sample dispatch date	survey period from	to
IH1/17	02.01.17	24.01.17	25.01.17	04.02.17
IH2/17	20.03.17	10.04.17	11.04.17	22.04.17
IH3/17	19.06.17	11.07.17	12.07.17	22.07.17
IH4/17	18.09.17	10.10.17	11.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

58,00 €

each additional set of samples

30,00 €

> Sample material

erythrocyte suspension, liquid
serum, liquid

2 samples each about 2 ml
2 samples each about 6 ml

> Analytes

AB0-system (blood groups)
A-subgroups
rhesus-factor (D-variants)
rhesus-system (rhesus-formula)

Cw antigen
Kell antigen
direct Coombs' test
antibody test

antibody differentiation (serum)
antibody titer

> Information

In this survey additionally to the analytes of the basic program (Minor) antibody differentiation is included. The registration form for this survey you will find on page 67/68.

IM Immunohematology Minor (basic programm)

Survey	Application deadline	Sample dispatch date	survey period from	to
IM1/17	02.01.17	24.01.17	25.01.17	04.02.17
IM2/17	20.03.17	10.04.17	11.04.17	22.04.17
IM3/17	19.06.17	11.07.17	12.07.17	22.07.17
IM4/17	18.09.17	10.10.17	11.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

50,00 €

each additional set of samples

24,50 €

> Sample material

erythrocyte suspension, liquid
serum, liquid

2 samples about 2 ml
2 samples about 3 ml

> Analytes

AB0-system (blood groups)
A-subgroups
rhesus-factor (D-variants)

rhesus-system (rhesus-formula)
Cw antigen

Kell antigen
direct Coombs' test
antibody test

> Information

The registration form for this survey you will find on page 67/68.

KUST Clinical chemistry from urine, test strip and pregnancy test, qualitative

Survey	Application deadline	Sample dispatch date	survey period from	to
KUST1/17	02.01.17	18.01.17	23.01.17	04.02.17
KUST2/17	13.03.17	29.03.17	03.04.17	15.04.17
KUST3/17	06.06.17	21.06.17	26.06.17	08.07.17
KUST4/17	04.09.17	20.09.17	25.09.17	07.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT				22,00 €
				each additional pair of samples	15,00 €
>	Sample material				
	urine, lyophilized qualitative, 2 samples each 5 ml, investigation for test strips				
>	Analytes				
	Test strip	pH	hemoglobin	pregnancy	
	bilirubin	protein	leukocytes	specific gravity	
	ketone	glucose	nitrite	urobilinogen	
>	Information				
	The registration form for this survey you will find on page 67/68.				

MaMulmm Morbilli and mumps serology

Survey	Application deadline	Sample dispatch date	survey period from	to
MaMulmm1/17	27.01.17	01.03.17	06.03.17	17.03.17
MaMulmm2/17	07.07.17	23.08.17	28.08.17	09.09.17

€	Fee for each survey inclusive sample material, net prices plus VAT				
				set 1	80,00 €
				set 2	80,00 €
				set 1 + 2	130,00 €
				each additional set of samples	44,00 €
>	Sample material				
>	Analytes				
	Set 1: morbilli IgG + IgM				
	Set 2: mumps IgG + IgM				
>	Information				
	For deliveries abroad additional freight charges will be invoiced possibly.				
	The registration form for this survey you will find on page 67/68.				

OB Oligoclonal bands in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
OB1/17	20.02.17	08.03.17	13.03.17	01.04.17
OB2/17	07.08.17	23.08.17	28.08.17	16.09.17

€	Fee for each survey inclusive sample material, net prices plus VAT				37,50 €
				each additional pair of samples	19,00 €
>	Sample material				
	CSF, lyophilized or liquid	2 samples each 1 ml			
	serum, lyophilized or liquid	2 samples each 1 ml			
>	Analytes				
	oligoclonal bands in cerebrospinal fluid; diagnosis can be given.				
>	Information				
	The registration form for this survey you will find on page 67/68.				

pvB19imm Parvovirus B19 serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
pvB19imm1/17	09.01.17	15.03.17	20.03.17	01.04.17
pvB19imm2/17	26.06.17	30.08.17	04.09.17	16.09.17

€	Fee for each survey inclusive sample material, net prices plus VAT	88,00 €
	each additional set of samples	44,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

> Analytes

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

> Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 67/68.

RoetLimm Anti-Rubella-Virus

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
RoetLimm1/17	03.04.17	17.05.17	22.05.17	03.06.17
RoetLimm2/17	21.08.17	04.10.17	09.10.17	21.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	45,00 €
	each additional set of samples	25,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

> Analytes

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

> Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 67/68.

SX Systematic toxicologic analysis

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SX1/17	27.02.17	19.04.17	24.04.17	13.05.17
SX2/17	26.06.17	16.08.17	21.08.17	09.09.17

€	Fee for each survey inclusive sample material, net prices plus VAT	88,00 €
	each additional pair of samples	58,00 €

> Sample material

urine, lyophilized, 2 samples each 10 ml

> Analytes

From a list of 30 substances, the proof of 6 - 8 substances with chromatographic methods is required in both samples

> Information

The registration form for this survey you will find on page 67/68.

ToxoGimm Anti-Toxoplasma-gondii

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ToxoGimm1/17	03.04.17	17.05.17	22.05.17	03.06.17
ToxoGimm2/17	21.08.17	04.10.17	09.10.17	21.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	45,00 €
	each additional set of samples	25,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

> Analytes

Anti-Toxoplasma-gondii IgG Anti-Toxoplasma-gondii IgM Anti-Toxoplasma-gondii total

> Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 67/68.

TrepPimm Anti-Treponema pallidum

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TrepPimm1/17	03.04.17	17.05.17	22.05.17	03.06.17
TrepPimm2/17	21.08.17	04.10.17	09.10.17	21.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	45,00 €
	each additional set of samples	25,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

> Analytes

Anti-Treponema pallidum IgG Anti-Treponema pallidum IgM Anti-Treponema pallidum total

> Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 67/68.

TX Toxicologic analyses

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TX1/17	30.01.17	15.02.17	20.02.17	04.03.17
TX2/17	10.07.17	26.07.17	31.07.17	12.08.17

€	Fee for each survey inclusive sample material, net prices plus VAT	47,00 €
	each additional pair of samples	33,00 €

> Sample material

urine, lyophilized 1 sample 10 ml
serum, lyophilized 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. To succeed in this survey generally the use of chromatographic methods is essential.
The registration form for this survey you will find on page 67/68.

US Urine sediment

Survey	Application deadline	Dispatch date of instruction	survey period from	to
US1/17	06.03.17	29.03.17	03.04.17	15.04.17
US2/17	11.09.17	27.09.17	02.10.17	14.10.17

€ Fee for each survey, net prices plus VAT

22,00 €

> Sample material

web-based, virtual microscopy of two urine sediments

> Analytes

Qualitative and semi-quantitative determinations
Morphology

> Information

The registration form for this survey you will find on page 67/68.

VariAimm Various immunological analytes

Survey	Application deadline	Sample dispatch date	survey period from	to
VariAimm1/17	03.04.17	17.05.17	22.05.17	03.06.17
VariAimm2/17	21.08.17	04.10.17	09.10.17	21.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

40,00 €

each additional set of samples

25,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

> 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

> Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 67/68.

ZZ Cerebrospinal fluid cytology

Survey	Application deadline	Dispatch date of instruction	survey period from	to
ZZ1/17	15.05.17	17.05.17	22.05.17	03.06.17
ZZ2/17	25.09.17	27.09.17	02.10.17	14.10.17

€ Fee for each survey, net prices plus VAT

42,00 €

> Sample material

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

> Analytes

Both preparations are to be assessed for morphology and diagnosis

> Information

The registration form for this survey you will find on page 67/68.

Direct detection of pathogens

BA Bacteriology Major

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BA1/17	10.04.17	17.05.17	22.05.17	03.06.17
BA2/17	04.09.17	11.10.17	16.10.17	28.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT** **84,50 €**

➤ **Sample material**

lyophilized control samples, 5 strains (samples A to E)

➤ **Investigation target**

identification and resistance testing

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

The registration form for this survey you will find on page 69/70.

BakNAT1 Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT1 1/17	13.03.17	26.04.17	02.05.17	13.05.17
BakNAT1 2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

one analyte	150,00 €
each additional analyte	50,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

- Analyte 1: Bordetella pertussis
- Analyte 2: Chlamydia pneumoniae
- Analyte 3: Mycoplasma pneumoniae
- Analyte 4: Coxiella burnetii
- Analyte 5: Francisella tularensis
- Analyte 6: Legionella pneumophila
- Analyte 7: MRSA
- Analyte 8: Chlamydia trachomatis

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

The registration form for this survey you will find on page 69/70.

BakNAT2 Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
BakNAT2 1/17	13.03.17	26.04.17	02.05.17	13.05.17
BakNAT2 2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

one analyte	150,00 €
each additional analyte	50,00 €

> Sample material

lyophilized DNA, 4 samples

> Analytes

Analyte 1: Salmonella enterica
 Analyte 2: EHEC/STEC
 Analyte 3: Helicobacter pylori
 Analyte 4: Listeria monocytogenes
 Analyte 5: Borrelia burgdorferi
 Analyte 6: Neisseria gonorrhoeae

> Information

For deliveries abroad additional freight charges will be invoiced possibly.
 The registration form for this survey you will find on page 69/70.

BAK-TK Proficiency panel to detect bacteria in platelet concentrates

Survey	Application deadline	Sample dispatch date	survey period from	to
BAK-TK1/17 Set 1	27.03.17	26.04.17	27.04.17	28.04.17
BAK-TK1/17 Set 2 + 3	27.03.17	26.04.17	27.04.17	10.05.17
BAK-TK2/17 Set 1	09.10.17	08.11.17	09.11.17	10.11.17
BAK-TK2/17 Set 2 + 3	09.10.17	08.11.17	09.11.17	22.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

set 1	180,00 €	set 1 + 3	300,00 €
set 2	180,00 €	set 2 + 3	250,00 €
set 3	180,00 €	set 1 + 2 + 3	350,00 €

> Sample material

Set 1: 6 samples of platelet concentrates
 Set 2 + 3: 6 samples of platelet concentrates

> Investigation target

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

> Information

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.
 The registration form for this survey you will find on page 69/70.

BM Bacteriology Minor

Survey	Application deadline	Sample dispatch date	survey period from	to
BM1/17	10.04.17	17.05.17	22.05.17	03.06.17
BM2/17	04.09.17	11.10.17	16.10.17	28.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT **61,00 €**

➤ **Sample material**
lyophilized control samples, 3 strains (samples A to C)

➤ **Investigation target**
identification and resistance testing

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

B-Stscre B-Streptococci screening

Survey	Application deadline	Sample dispatch date	survey period from	to
B-Stscre1/17	10.02.17	15.03.17	20.03.17	31.03.17
B-Stscre2/17	04.08.17	06.09.17	11.09.17	22.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT **80,00 €**

➤ **Sample material**
4 samples, smear tubes

➤ **Analytes**
B-Streptococci screening for cultural evidence and NAT-methods

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

ChlamTra Chlamydia trachomatis AG

Survey	Application deadline	Sample dispatch date	survey period from	to
ChlamTra1/17	13.03.17	26.04.17	02.05.17	13.05.17
ChlamTra2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT **50,00 €**
each additional set of samples 28,00 €

➤ **Sample material**
urine, 4 samples 0,5 ml

➤ **Analytes**
Chlamydia trachomatis antigen

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

CrypCand Cryptococcus neoformans and candida albicans antigen

Survey	Application deadline	Sample dispatch date	survey period from	to
CrypCand1/17	13.03.17	26.04.17	02.05.17	13.05.17
CrypCand2/17	21.08.17	25.10.17	30.10.17	11.11.17

€	Fee for each survey inclusive sample material, net prices plus VAT	60,00 €
	each additional set of samples	28,00 €

➤ **Sample material**
serum, 4 samples 0,5 ml

➤ **Analytes**
Cryptococcus neoformans and candida albicans antigen

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

GP Gram-staining

Survey	Application deadline	Sample dispatch date	survey period from	to
GP1/17	16.01.17	01.03.17	06.03.17	18.03.17
GP2/17	10.07.17	23.08.17	28.08.17	09.09.17

€	Fee for each survey inclusive sample material, net prices plus VAT	34,00 €
	each additional pair of samples	13,00 €

➤ **Sample material**
2 fixed unstained smears

➤ **Examination**
Judgement of staining and morphology

➤ **Information**
The registration form for this survey you will find on page 69/70.

HEV PCR Hepatitis E virus

Survey	Application deadline	Sample dispatch date	survey period from	to
HEVpcr1/17	30.01.17	15.02.17	20.02.17	04.03.17
HEVpcr2/17	24.07.17	09.08.17	14.08.17	26.08.17

€	Fee for each survey inclusive sample material, net prices plus VAT	140,00 €
	each additional set of samples	56,00 €

➤ **Sample material**
lyophilized EDTA-plasma, 4 samples

➤ **Analytes**
Hepatitis E virus

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

Infl-RSV Influenza and RSV antigen evidence

Survey	Application deadline	Sample dispatch date	survey period from	to
Infl-RSV1/17	20.03.17	03.05.17	08.05.17	20.05.17
Infl-RSV2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

one analyte 80,00 €
both analytes 130,00 €

➤ **Sample material**

NaCl-matrix, 4 samples 1 ml

➤ **Analytes**

Analyte 1: Influenza AG
Analyte 2: RSV AG

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

MRGNscre MRGN Screening

Survey	Application deadline	Sample dispatch date	survey period from	to
MRGNscre1/17	10.02.17	15.03.17	20.03.17	31.03.17
MRGNscre2/17	04.08.17	06.09.17	11.09.17	22.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT

each additional set of samples 120,00 €
40,00 €

➤ **Sample material**

4 samples, smear tubes

➤ **Analytes**

Culture proof of MRGN
Molecular diagnostic proof of Carbapenemases

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

MRSAsre MRSA Screening

Survey	Application deadline	Sample dispatch date	survey period from	to
MRSAscre1/17	13.03.17	26.04.17	02.05.17	13.05.17
MRSAscre2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

80,00 €

➤ **Sample material**

4 samples, smear tubes

➤ **Analytes**

MRSA Screening for cultural evidence and NAT-methods

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

MykCult Cultivation and identification of fungi

Survey	Application deadline	Sample dispatch date	survey period from	to
MykCult1/17	13.03.17	26.04.17	02.05.17	20.05.17
MykCult2/17	21.08.17	25.10.17	30.10.17	18.11.17

€	Fee for each survey inclusive sample material, net prices plus VAT	45,00 €
	each additional set of samples	28,00 €

➤ **Sample material**
4 samples, smear tubes

➤ **Analytes**
Cultivation and identification of fungi

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

MykIdent Identification of fungi

Survey	Application deadline	Dispatch date of instruction	survey period from	to
MykIdent1/17	13.03.17	26.04.17	02.05.17	13.05.17
MykIdent2/17	21.08.17	25.10.17	30.10.17	11.11.17

€	Fee for each survey inclusive sample material, net prices plus VAT	60,00 €
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➤ **Sample material**
virtual microscopy of 4 preparations

➤ **Analytes**
Identification of fungi

➤ **Information**
The registration form for this survey you will find on page 69/70.

NoroPCR Norovirus PCR

Survey	Application deadline	Sample dispatch date	survey period from	to
NoroPCR1/17	20.03.17	05.04.17	10.04.17	22.04.17
NoroPCR2/17	25.09.17	11.10.17	16.10.17	28.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	140,00 €
	one set	

➤ **Sample material**
NaCl-matrix, liquid, 4 samples

➤ **Analytes**
Norovirus RNA

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 69/70.

ParasitB Parasites in blood

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
ParasitB1/17	20.03.17	03.05.17	08.05.17	20.05.17
ParasitB2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ **Fee for each survey inclusive sample material, net prices plus VAT** **60,00 €**

➤ **Sample material**

virtual microscopy, one or more visual fields of 2 preparations

➤ **Analytes**

Parasites in blood

➤ **Information**

The registration form for this survey you will find on page 69/70.

ParasitS Parasites in stool

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
ParasitS1/17	20.03.17	03.05.17	08.05.17	20.05.17
ParasitS2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ **Fee for each survey inclusive sample material, net prices plus VAT** **60,00 €**

➤ **Sample material**

virtual microscopy, one or more visual fields of 2 preparations

➤ **Analytes**

Parasites in stool

➤ **Information**

The registration form for this survey you will find on page 69/70.

PolyVir1 Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PolyVir1 1/17	13.02.17	16.05.17	22.05.17	03.06.17
PolyVir1 2/17	10.07.17	10.10.17	16.10.17	28.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

material	fee	additional set
one set	150,00 €	75,00 €

➤ **Sample material**

4 samples of liquid EDTA plasma, 4 ml

➤ **Analytes**

set 1: HAV-RNA qualitative	set 5: HIV2-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: HIV1-RNA qualitative and quantitative	set 8: pvB19-DNA qualitative

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

The registration form for this survey you will find on page 71/72.

PolyVir2 Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
PolyVir2 1/17	20.03.17	03.05.17	08.05.17	20.05.17
PolyVir2 2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional analyte
one analyte	150,00 €	50,00 €

➤ **Sample material**

4 samples, each 200 µl virus-DNA on NaCl-Matrix

➤ **Analytes**

Analyte 1: Adenoviren
Analyte 2: Enteroviren
Analyte 3: EBV

Analyte 4: HSV1/2
Analyte 5: HPV
Analyte 6: Influenza A/B

Analyte 7: RSV
Analyte 8: VZV

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 71/72.

ToxoGen Toxoplasma Gondii Genom

Survey	Application deadline	Sample dispatch date	survey period from	to
ToxoGen1/17	13.03.17	26.04.17	02.05.17	13.05.17
ToxoGen2/17	21.08.17	25.10.17	30.10.17	11.11.17

€ Fee for each survey inclusive sample material, net prices plus VAT

	120,00 €
each additional set of samples	40,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

Toxoplasma Gondii Genom

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 71/72.

TubDiag Tuberculosis diagnostic

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TubDiag1/17 Set 1 + 4	25.11.16	25.01.17	30.01.17	03.02.17
TubDiag1/17 Set 2	25.11.16	25.01.17	30.01.17	17.03.17
TubDiag1/17 Set 3 + 5	25.11.16	25.01.17	30.01.17	03.03.17
TubDiag2/17 Set 1 + 4	21.07.17	27.09.17	02.10.17	09.10.17
TubDiag2/17 Set 2	21.07.17	27.09.17	02.10.17	23.11.17
TubDiag2/17 Set 3 + 5	21.07.17	27.09.17	02.10.17	03.11.17

This survey is organized in co-operation with Instand e. V.. Please order from the RfB, the sample material and evaluation will come from Instand e. V.. Billing is done by RfB again.

€ Fee for each survey inclusive sample material, net prices plus VAT

set 1	43,00 €	set 1 + 2	73,00 €
set 2	43,00 €	set 1 + 2 + 5	95,00 €
set 3	35,00 €	set 1 + 2 + 3 + 5	113,00 €
set 4	58,00 €	set 1 + 2 + 3 + 4	138,00 €
set 5	33,00 €	set 1 + 2 + 3 + 4 + 5	143,00 €

➤ 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 tubercle-bacilli by NAT (Instand program 424).
- Set 5: Drug susceptibility (Instand program 425).

➤ 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

➤ Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 71/72.

VREscre VRE Screening

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
VREscre1/17	10.02.17	15.03.17	20.03.17	31.03.17
VREscre2/17	04.08.17	06.09.17	11.09.17	22.09.17

€ Fee for each survey inclusive sample material, net prices plus VAT

	120,00 €
each additional set of samples	40,00 €

➤ Sample material

4 samples, smear tubes

➤ Analytes

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

➤ Information

For deliveries abroad additional freight charges will be invoiced possibly.
The registration form for this survey you will find on page 71/72.

Ejaculate investigation

EJ Semen analysis

Survey	Application deadline	Sample dispatch date	survey period from	to
EJ1/17	30.01.17	06.03.17	07.03.17	06.04.17
EJ2/17	31.07.17	04.09.17	05.09.17	04.10.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

150,00 €

➤ **Sample material**

Washed and fixed sperm preparation and CD-ROM

➤ **Analyte**

Estimation of sperm concentration and the assessment of morphologically normal forms. Additionally the 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. This dispatch of the samples and the evaluation is done by QuaDeGa. The registration form for this survey you will find on page 71/72.

Molecular- and cytogenetic investigations

ctDNA circulating tumor DNA

Survey	Application deadline	Sample dispatch date	survey period from	to
ctDNA1/17	01.02.17	29.03.17	03.04.17	29.04.17
ctDNA2/17	01.08.17	27.09.17	02.10.17	28.10.17

€	Fee for each survey inclusive sample material, net prices plus VAT	material one set	fee 120,00 €	additional set 80,00 €
For multiple orders of your chosen set collection you can also use the application form 6				

> Sample material

EDTA-plasma, 3 samples each 2 ml

> Analyte

Set A: KRAS Codon 12/13/61
(rs121913530, rs121913529, rs121913535, rs112445441, rs121913238, rs121913240, rs17851045)

Set B: BRAF V600E (rs113488022)

> Information

This survey is only available for european participants because of lacking sample stability with expanded shipment period.

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

For certification, you have to report the concentration and the identification of the determined genotypes.

The registration form for this survey you will find on page 71/72.

DI DNA isolation

Survey	Application deadline	Sample dispatch date	survey period from	to
DI1/17	30.01.17	08.03.17	13.03.17	01.04.17
DI2/17	24.07.17	30.08.17	04.09.17	29.09.17

€	Fee for each survey inclusive sample material, net prices plus VAT	55,00 €
	each additional pair of samples	30,00 €

> Sample material

full blood, K-EDTA, 2 samples each 500 µl

> Analyte

DNA isolation and FV genotyping FV genotyping: FV-Leiden (ARG506GLN), FV-H1299R (HIS1299ARG), FV-Cambridge (ARG306THR), FV-Hong-Kong (ARG306GLY), FII g20210a, MTHFR C677T, HFE (H63D, C282Y, S65C)

> Information

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

The registration form for this survey you will find on page 71/72.

MG1 Molecular genetics group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
MG1 1/17	30.01.17	15.03.17	20.03.17	08.04.17
MG1 2/17	07.08.17	20.09.17	25.09.17	14.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
one set	50,00 €	28,00 €

For multiple orders of your chosen set collection you can also use the application form 6.

> Sample material

DNA preparation, lyophilized

> Analytes

Set A: FV-Leiden, Prothrombin, MTHFR (C677T, A1298C), PAI-I 4G5G

Set B: FXIII V34L, GPIIIa, β Fib (g455a), VKORC1 (G-1639A/C1173T), FXII c46t, FV-H1299R

Set C: a1 PI, Apo E, ApoB100, ACE, CETP

Set D: AldoB (149,174,334), HFE (H63D, C282Y, S65C), LCT c-13910t, NOD2 (R702W, G908R, L1007fins C)

Set E: M. Wilson (ATP7B-C3207A), FSAP (Marburg-I), ITGA2 Gplalla C807T, Col1A1 SP1, VDR (BsmI/ApaI, TaqI)

Set F: Faktor VII (R353Q), AT3 Cambridge Typ I/II, CYP3A5*3

> Information

The registration form for this survey you will find on page 71/72.

MG2 Molecular genetics group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MG2 1/17	30.01.17	15.03.17	20.03.17	08.04.17
MG2 2/17	07.08.17	20.09.17	25.09.17	14.10.17

€ Fee for each survey inclusive sample material, net prices plus VAT

	material one set	fee 50,00 €	additional set 28,00 €
For multiple orders of your chosen set collection you can also use the application form 6.			

> Sample material

DNA preparation, lyophilized

> Analytes

Set A: TPMT, CYP2C8 (K399R), CYP2C9*2/*3, UGT1A1 (*28), DPD Ex 14 skipping, BCHE A/K, DPD*13, DPD D949V (rs67376798)

Set B: K-Ras: Codon 12/13/61, BRAF V600E, BRAF V600K, cKit D816V

Set C: HLA-B27, TNF alpha (238, 308)

Set D: CYP2D6, CYP2C19 (*2/*17), CYP2C19*3

Set E: HLA B*5701, CYP2B6*6, ABCB1 (MDR1) c.3435C>T, CCR-del-32bp

Set F: IL28B (C/T Polymorphism), IL6 (G174C), CYP3A4*22

> Information

Please take into account the division into sets A, B, C, D, E, F when you order this survey (see application form). Please mark the sets needed on that form.

The registration form for this survey you will find on page 71/72.

> Information

The following analytes are offered by our cooperation-partner European Molecular Genetics Quality Network (EMQN): (see attached flyer)

- 8 Hereditary hemochromatosis (genotyping and interpretation)
- 16 Cystic fibrosis, mucoviscidosis
- 17 Familial breast-/ovarial- cancer (BRCA)
- 18 21-hydroxylase deficiency (Congenital adrenal hyperplasia)
- 19 Duchenne and Becker muscular dystrophy
- 20 Fragile X Syndrome
- 21 Hereditary auditory disorder
- 22 Hereditary nonpolyposis colon cancer
- 23 Huntington s disease
- 24 Prader-Willi and Angelman syndromes
- 25 Spinal Muscular Atrophy
- 26 Wilson s disease
- 27 Y chromosome microdeletions
- 28 array analysis

SQ DNA Sequencing

Survey	Application deadline	Sample dispatch date	survey period from	to
SQ1/17	05.12.16	08.02.17	13.02.17	04.03.17
SQ2/17	26.06.17	30.08.17	04.09.17	23.09.17

€ **Fee for each survey inclusive sample material, net prices plus VAT**

116,00 €

each additional pair of samples

42,00 €

➤ **Sample material**

DNA-preparation, lyophilized

➤ **Analytes**

DNA sequencing and corresponding diagnostic interpretation

➤ **Information**

Results are to be transmitted exclusively by internet **www.rfb.bio**

Make sure that you have an online account!

The registration form for this survey you will find on page 71/72.

**Responsible body of the Reference Institute for Bioanalytics is the
Foundation for Pathobiochemistry and Molecular Diagnostics of the DGKL**

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Conditions of participation

(as of January 1. 2017)

1. **Participation:**
Everyone who carries out laboratory tests can participate in surveys for the Reference Institute of Bioanalytics (subsequently referred to as: RfB). The following conditions for participation therefore apply.
(For consumers individual stipulations and legal provisions apply).
2. **Conclusion of the contractual relationship:**
The contractual relationship between the participant and the RfB is concluded by application and only under these participation conditions.
3. **Application**
Application must be made in writing or online (for registered users) and must be received in good time before the start of the survey. Confirmations of application will only be issued upon request.
4. **Content of the contractual relationship (yearly order, subscription):**

The participant may choose to apply for participation in individual surveys in one calendar year (Contract Type B), or in one or more surveys to be repeated each calendar year over an unspecified period (Contract Type A, subscription).

When application is for participation in surveys to be repeated each calendar year (Contract Type A), a contract for an unspecified period will be concluded by the application. Termination of this contract requires written notice.
5. **Timetable:**
The participant will receive a timetable before the start of each calendar year from the RfB. This timetable contains periods and dates which are binding for the participant in relation to the surveys.
6. **Withdrawal and cancellation**
The participant is free to withdraw from his/her participation in a survey until the respective application deadline given in the timetable. If the participant has applied to participate in several surveys, s/he may only withdraw from his/her participation in individual surveys. If there is a subscription to surveys (Contract Type A), the participant may cancel this completely or for individual surveys.
7. **Non-performance of announced surveys:**
The RfB retains the right not to carry out announced surveys, or to postpone them until a later date. The participants concerned will be informed of this with an appropriate period of notice. The RfB will only refrain from the announced performance for practical reasons, in particular, in the instance of new surveys when the number of registered participants is too low.
8. **Evaluation:**
The RfB evaluates the study results obtained by the participant in the context of a survey, provided that these are transmitted to the RfB within the period specified in the timetable. The participant bears the risk of loss or delay for the dispatch of the data. The participant has no entitlement to the evaluation of measurement values received late by the RfB.

Certificates will be issued for measurements assessed by us. The period of validity of the certificates is regulated by the guidelines of the German Medical Board, respectively corresponds to these guidelines and is valid from the date of issue.
9. **Guarantee**
 - 9.1 The participant undertakes to test the samples after receiving them for any obvious defects, and to inform the RfB immediately if any defects are determined.
The RfB is entitled to elect its own supplementary performance, which may be by repair or by subsequent delivery.

These conditions apply both to the dispatch of samples and to the evaluation of the study results.
 - 9.2 The RfB assumes no responsibility for injuries of any kind – in the existence of other conditions of entitlement – except in the event of intended and/or gross negligence. Furthermore, liability for compensation is excluded for injuries of any kind, no matter upon what basis a claim may be made, including liability for default on conclusion of the contract.

Impairments, which in individual cases result from postal dispatch, in particular the loss of sample shipments, will be remedied by the RfB to the best of its abilities, without the acknowledgement of any claims, by the dispatch of replacement samples. However, the contract is considered fulfilled with the initial dispatch mailing date.
10. **Fees:**
By concluding the contractual relationship with the RfB, the participant undertakes to pay the participation fees listed respectively by the RfB in the publication of its annual timetable.
11. **Confidentiality:**
Individual survey data will be handled confidentially. The provisions for data protection will be observed.
12. **Place of performance and court of jurisdiction:**
Place of performance and court of jurisdiction is Bonn.

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➤ Contract type

➤ Contract type A - subscription

You will receive all surveys which you marked on the order sheet.

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

You will receive all surveys which you marked on the order sheet.

If you choose contract type B you will get the ordered surveys and nothing else.

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).

The application sheets are attached in this brochure. Please mark the survey desired in the appropriate spaces and submit promptly.

Participants from Europe with the exception of Germany are requested to specify their VAT (value added tax) number.

➤ 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 time table for the next year you will receive an overview of the surveys you already have ordered. This overview should also be used for an order confirmation or changes in your orders.

➤ Fees and invoice

Net prices plus VAT. Costs for shipment with normal letter post are included. If the shipping conditions of the Deutsche Post should change for letters, a corresponding price adjustment is possible.

The fees for each survey are given on the following pages.

Please fill out the application forms and send them to the preprinted address.

The invoices will be sent to all German participants after the surveys half-yearly (June and December). Foreign participants will get an invoice after the survey and depending on the number of the ordered surveys half-yearly (June and December) or only yearly (December).

➤ Notes:

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

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



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 53175 Bonn
 GERMANY

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 Telefax +49 228 926895-29
 Internet: www.rfb.bio
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participant no

Alteration of contact information

Delivery address

Institute:

Name:

Street:

City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

.....

.....

.....

Date

Signature





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**Thrombophilia screening 2017
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

Institute:

Name:

Street:

City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

.....
.....
.....
.....
.....

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

.....
Date Signature

The participation fees are specified in the current annual survey plan.

Application form for Thrombophilia screening 2017

participant no

new client

We can not accept cancellations during the annual programme.

Annual subscription fee

1	<input type="checkbox"/> result submission via Internet / report internet	87,50 €
---	---	---------

2	<input type="checkbox"/> result submission via Internet / report internet + post	137,50 €
---	--	----------

Analytes four times yearly: TH1/17, TH2/17, TH3/17, TH4/17

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)	350,00 €
---	--	----------

2	<input type="checkbox"/> Thrombophilia module II APC resistance	135,00 €
---	---	----------

3	<input type="checkbox"/> Lupus Anticoagulant / Antiphospholipide Antibodies	135,00 €
---	---	----------

4	<input type="checkbox"/> Von Willebrand Factor Module (antigen, activity, collagen binding, multimers, Factor VIII)	123,00 €
---	--	----------

5	<input type="checkbox"/> ADAMTS-13 (activity and antigen)	157,50 €
---	---	----------

6	<input type="checkbox"/> Factor XIII	123,00 €
---	--------------------------------------	----------

7	<input type="checkbox"/> Fibrinolysis parameters I (Plasminogen, Antiplasmin)	123,00 €
---	---	----------

8	<input type="checkbox"/> Fibrinolysis parameters II (t-PA, PAI-1)	123,00 €
---	---	----------

9	<input type="checkbox"/> Unfractionated Heparin Monitoring (anti-Xa)	114,00 €
---	--	----------

A	<input type="checkbox"/> Low-Molecular Weight Heparin Monitoring (anti-Xa)	114,00 €
---	--	----------

Analytes two times yearly:

B	<input type="checkbox"/> Factor VIII Inhibitor (TH2/17 + TH4/17)	138,00 €
---	--	----------

C	<input type="checkbox"/> Thrombin Generation Test (TH2/17 + TH4/17)	132,50 €
---	---	----------

D	<input type="checkbox"/> ADAMTS-13 (inhibitor) (TH2/17 + TH4/17)	80,00 €
---	--	---------

E	<input type="checkbox"/> Factor IX Inhibitor (TH1/17 + TH3/17)	138,00 €
---	--	----------

Analytes one time yearly:

F	<input type="checkbox"/> HIT - Immunological assays (TH3/17)	82,50 €
---	--	---------

G	<input type="checkbox"/> HIT - Functional Testing (TH3/17)	96,50 €
---	--	---------



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Application form 1

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

Institute:
.....
Name:
Street:
City:
Country:
Telephone:
Telefax:
E-Mail:
Order confirmation no:
VAT:
Contact person:
Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:
Name:
Street:
City:
Telephone:
Telefax:

Your comment

.....
.....

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (Participation conditions see page 51, contract type see page 56)

.....
Date Signature

Application form 1

participant no

new client

Quantitative determinations			
Automatic differential count p. 7			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AD1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AD2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AD3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AD4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Therapeutic drug monitoring p. 7			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AK1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
AK2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
AK3	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
AK4	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
Ammonia p. 8			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AM1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AM2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AM3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AM4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Blood gas p. 8			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BG1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BG2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BG3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BG4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Neonatal bilirubin p. 8			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BI1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BI2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BI3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BI4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Cardiac markers p. 9			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CM1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CM2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CM3	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CM4	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
Immunosuppressives p. 9			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CS1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CS2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets

D-Dimer p. 10			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
DD1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DD2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DD3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DD4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
CD Transferrin p. 10			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
DT1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DT2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Ethylglucuronide p. 10			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
EG1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
EG2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Ethanol p. 11			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ET1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
ET2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
ET3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
ET4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Glycated hemoglobin p. 11			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GH1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GH2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GH3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GH4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Glucose („wet“, „POCT/dry chem.“) p. 11			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GL1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GL2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GL3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GL4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Coagulation p. 12			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GR1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GR2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GR3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GR4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Hematology - Full blood count p. 12			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
HA1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HA2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HA3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HA4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples



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Application form 2

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

Institute:

Name:

Street:

City:

Country:

Telephone:

Telefax:

E-Mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (Participation conditions see page 51, contract type see page 56)

.....
Date Signature

Application form 2

Hormones - Group 1		p. 13
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HM1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HM2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HM3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HM4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Hormones - Group 2		p. 13
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HP1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HP2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HP3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HP4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Serum proteins		p. 14
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
IG1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IG2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IG3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IG4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Immunophenotyping		p. 14
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
IS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Clinical chemical analytes in CSF		p. 14
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KL1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KL2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KL3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KL4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Clinical chemical analytes in serum		p. 15
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS5	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS6	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS7	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS8	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Clinical chemical analytes in urine		p. 16
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KU1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KU2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KU3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KU4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Lipoproteins		p. 16
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
LP1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
LP2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
LP3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
LP4	<input type="checkbox"/>	<input type="checkbox"/> additional samples

participant no

new client

Newborn Screening		p. 16
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
NBS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
NBS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
NBS3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
NBS4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Hemoglobin derivatives		p. 17
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
OH1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OH2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OH3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OH4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Bone metabolism		p. 17
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
OS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Photometer control		p. 18
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
PH1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
PH2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Reticulocytes		p. 18
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
RE1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
RE2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
RE3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
RE4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Rheumatoid factors		p. 18
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
RF1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
RF2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
RF3	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
RF4	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
Thyroid antibodies		p. 19
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
SA1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
SA2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Pregnancy diagnostic		p. 19
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
SD1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
SD2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
SD3	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
SD4	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets



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Application form 3

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

Institute:

Name:

Street:

City:

Country:

Telephone:

Telefax:

E-Mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (Participation conditions see page 51, contract type see page 56)

.....
Date Signature

Application form 3

Trace elements in urine		p. 20
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
SP1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
SP2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Saliva diagnostic		p. 20
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
SV1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
SV2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Thrombophilia screening		p. 21
		extra order on page 59
Tumor markers		p. 22
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TM1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Clinical chemical analytes in serum „dry chemistry“		p. 22
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TR1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Vitamins and analgesics		p. 23
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
VT1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
VT2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Cell count in CSF		p. 24
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
ZL1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZL2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Cytokines		p. 24
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
ZY1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Qualitative determinations		
Antinuclear antibodies		p. 25
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
A11	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
A12	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets

participant no

new client

Allergology		p. 25
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
AL1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL3	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL4	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
Anti-Borrelia burgdorferi		p. 26
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
BorrBimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
BorrBimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
CMVimm CMV Serology		p. 26
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
CMVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
CMVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
Hematology - Differential blood count		p. 26
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
DF1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DF2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DF3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DF4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Drug screening in urine		p. 27
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
DS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DS3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DS4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
EBVimm Epstein-Barr-Virus serology		p. 27
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
EBVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
EBVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HAVimm HAV Serology		p. 28
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HAVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HAVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm1 Serology Minor		p. 28
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HBVimm1 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm1 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm2 HBV Serology Major		p. 28
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HBVimm2 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm2 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HCVimm HCV Serology		p. 29
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HCVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HCVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets



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Application form 4

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

Institute:

Name:

Street:

City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (Participation conditions see page 51, contract type see page 56)

.....
Date Signature

Application form 4

HerpVimm Herpes viruses serology		p. 29
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HerpVimm1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
HerpVimm2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
HIVimm HIV Serology		p. 29
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HIVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HIVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
Urinary calculus		p. 30
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HTLVimm HumanT-lymphotropic virus		p. 30
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HTLVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
HTLVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
Immunoematology automated		p. 30
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
IA1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IA2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IA3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IA4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Immunoematology Major		p. 31
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
IH1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IH2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IH3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IH4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Immunoematology Minor		p. 31
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
IM1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IM2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IM3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IM4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Clin. chem. analytes in urine, qualitative		p. 31
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KUST1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KUST2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KUST3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KUST4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
MaMulmm Morbilli and mumps serology		p. 32
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
MaMulmm1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
MaMulmm2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
Oligoclonal bands in CSF		p. 32
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
OB1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OB2	<input type="checkbox"/>	<input type="checkbox"/> additional samples

participant no

new client

pvB19imm Parvovirus B19 Serology		p. 33
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
pvB19imm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
pvB19imm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
Anti-Rubella-Virus		p. 33
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
RoetLimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
RoetLimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
Systematic toxicologic analysis		p. 33
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
SX1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
SX2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Anti-Toxoplasma gondii		p. 34
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
ToxoGimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
ToxoGimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
Anti-Treponema pallidum		p. 34
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TrepPimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
TrepPimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/> additional sets
Toxicologic analyses		p. 34
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TX1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TX2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Urine sediment		p. 35
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
US1	<input type="checkbox"/>	
US2	<input type="checkbox"/>	
VariAimm various immunological analytes		p. 35
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
VariAimm 1	set 1 <input type="checkbox"/>	
	set 2 <input type="checkbox"/>	
	set 3 <input type="checkbox"/>	Please place here <input style="width: 100px;" type="text"/>
	set 4 <input type="checkbox"/>	the additional order
	set 5 <input type="checkbox"/>	of your set collection
	set 6 <input type="checkbox"/>	
VariAimm 2	set 1 <input type="checkbox"/>	
	set 2 <input type="checkbox"/>	Please place
	set 3 <input type="checkbox"/>	here <input style="width: 100px;" type="text"/>
	set 4 <input type="checkbox"/>	the additional order
	set 5 <input type="checkbox"/>	of your set collection
	set 6 <input type="checkbox"/>	
Cerebrospinal fluid cytology		p. 35
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
ZZ1	<input type="checkbox"/>	
ZZ2	<input type="checkbox"/>	



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Application form 5

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

Institute:

Name:

Street:

City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (Participation conditions see page 51, contract type see page 56)

.....
Date Signature

Application form 5

Direct detection of pathogens	
Bakteriology Major p. 36	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BA1	<input type="checkbox"/>
BA2	<input type="checkbox"/>
BakNAT1 - Genome evidence p. 36	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT1 1	analyte 1 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 6 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 7 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 8 <input type="checkbox"/>
BakNAT1 - Genome evidence p. 36	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT1 2	analyte 1 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 6 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 7 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 8 <input type="checkbox"/>
BakNAT2 - Genome evidence p. 37	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT2 1	analyte 1 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 6 <input type="checkbox"/>
BakNAT2 - Genome evidence p. 37	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT2 2	analyte 1 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 6 <input type="checkbox"/>
BAK-TK p. 37	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BAK-TK 1	<input type="checkbox"/> Set 1 <input type="checkbox"/> Set 2 <input type="checkbox"/> Set 3 <input type="checkbox"/>
BAK-TK 2	<input type="checkbox"/> Set 1 <input type="checkbox"/> Set 2 <input type="checkbox"/> Set 3 <input type="checkbox"/>
Bakteriology Minor p. 38	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BM 1	<input type="checkbox"/>
BM 2	<input type="checkbox"/>
B-Stscre B-Streptococci screening p. 38	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
B-Stscre 1	<input type="checkbox"/> additional samples
B-Stscre 2	<input type="checkbox"/> additional samples
ChlamTra Chlamydia trachomatis AG p. 38	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
ChlamTra 1	<input type="checkbox"/> additional samples
ChlamTra 2	<input type="checkbox"/> additional samples
CrypCand Cryptococcus neoformans and Candida albicans antigen p. 39	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
CrypCand 1	<input type="checkbox"/> additional samples
CrypCand 2	<input type="checkbox"/> additional samples

participant no

new client

Gram-staining p. 39	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
GP1	<input type="checkbox"/> additional samples
GP2	<input type="checkbox"/> additional samples
HEV PCR Hepatitis E virus p. 39	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HEV 1	1 set <input type="checkbox"/> additional sets
HEV 2	1 set <input type="checkbox"/> additional sets
Infl-RSV - antigen evidence p.40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
Infl-RSV 1	analyte 1 <input type="checkbox"/> analyte 2 <input type="checkbox"/>
Infl-RSV - antigen evidence p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
Infl-RSV 2	analyte 1 <input type="checkbox"/> analyte 2 <input type="checkbox"/>
MRGN Screening p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MRGNscre 1	<input type="checkbox"/> additional samples
MRGNscre 1	<input type="checkbox"/> additional samples
MRSA Screening p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MRSAcre 1	<input type="checkbox"/> additional samples
MRSAcre 2	<input type="checkbox"/> additional samples
MykCult - Cultivation and identification of fungi p. 41	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MykCult 1	<input type="checkbox"/> additional samples
MykCult 2	<input type="checkbox"/> additional samples
MykIdent Identification of fungi p. 41	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MykIdent 1	<input type="checkbox"/>
MykIdent 2	<input type="checkbox"/>
Norovirus PCR p. 41	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
Noro PCR 1	<input type="checkbox"/> additional samples
Noro PCR 2	<input type="checkbox"/> additional samples
ParasitB Parasites in blood p. 42	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
ParasitB 1	<input type="checkbox"/> additional samples
ParasitB 2	<input type="checkbox"/> additional samples
ParasitS Parasites in stool p. 42	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
ParasitS 1	<input type="checkbox"/> additional samples
ParasitS 2	<input type="checkbox"/> additional samples



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Application form 6

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

Institute:

Name:

Street:

City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (Participation conditions see page 51, contract type see page 56)

.....
Date Signature

Application form 6

PolyVir1 p. 42

Genome evidence group 1

subscription yearly order

PolyVir1 1

set 1

set 2 Please place

set 3 here

set 4 the additional order

set 5 of your set collection

set 6

set 7

set 8

PolyVir1 2

set 1

set 2 Please place

set 3 here

set 4 the additional order

set 5 of your set collection

set 6

set 7

set 8

PolyVir2 p. 43

Genome evidence group 2

subscription yearly order

PolyVir2 1

analyte 1 analyte 5

analyte 2 analyte 6

analyte 3 analyte 7

analyte 4 analyte 8

PolyVir2 2

analyte 1 analyte 5

analyte 2 analyte 6

analyte 3 analyte 7

analyte 4 analyte 8

ToxoGen p. 43

Toxoplasma gondii genome

subscription yearly order

ToxoGen 1 additional samples

ToxoGen 2 additional samples

TubDiag Tuberculosis diagnostic p. 44

subscription yearly order

TubDiag1

set 1

set 2

set 3

set 4

set 5

TubDiag2

set 1

set 2

set 3

set 4

set 5

VREscre VRE Screening p. 44

subscription yearly order

VREscre 1 additional samples

VREscre 2 additional samples

participant no

new client

Ejakulate investigation

EJ Semen p. 45

subscription yearly order

EJ1 additional samples

EJ2 additional samples

Molecular- and cytogenetic investigation

ctDNA circulating DNA p. 46

subscription yearly order

ctDNA1

set A Please place

set B here

the additional order

of your set collection

ctDNA2

set A Please place

set B here

the additional order

of your set collection

DNA isolation p. 46

subscription yearly order

DI1 additional samples

DI2 additional samples

Molecular genetics group 1 p.47

subscription yearly order

MG1 1

set A

set B

set C Please place

set D here

set E the additional order

set F of your set collection

MG1 2

set A

set B

set C Please place

set D here

set E the additional order

set F of your set collection

Molecular genetics group 2 p. 48

subscription yearly order

MG2 1

set A

set B

set C Please place

set D here

set E the additional order

set F of your set collection

MG2 2

set A

set B

set C Please place

set D here

set E the additional order

set F of your set collection

DNA sequencing p. 49

subscription yearly order

SQ1 additional samples

SQ2 additional samples



2017

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