



INSTAND e. V.



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Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln
und Medizinprodukten
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Gesellschaft zur Förderung der Qualitätssicherung
in medizinischen Laboratorien e. V.



WHO Collaborating Centre for Quality Assurance and Standardization
in Laboratory Medicine

Program

of External Quality Assessment
Schemes in Medical Laboratories

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In case of non-fulfilled EQA results rest samples of some EQA programs are available after the final evaluation of the corresponding EQA scheme. Please contact the EQA adviser.

Current fees for INSTAND QAS: net amount plus legal reduced value added tax and additional costs of shipping expenses

No. 630

ACE

Kuschak / Gerritzen



- 2 samples; 0,5 mL serum, lyophilized - (Order of additional sets is not possible at the moment)

51,00 € /Survey



ACE (Angiotensin-converting-enzyme)



	March (2)	May (3)	July (4)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	04.05.12	24.08.12
Shipment:	07.03.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	18.07.12	08.11.12

No. 750

Markers of Ethanol Abuse - CDT

Wood / Reinauer



- 2 samples serum, lyophilized -

46,00 € /Survey



% Disialotransferrin % Asialotransferrin % (Disialo- + Asialotransferrin)



	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	05.09.12	08.11.12

No. 720

Allergy diagnostic

Schellenberg / Zouboulis



- 1 set of samples: 5 x lyophilized samples à 1,0 resp. 0,5 mL serum -

110,00 € /Survey

Four samples for determination of inhalation allergy, food allergy and insect allergy
One sample for determination of total-IgE

81,00 € Add. set



	Jan. (1)	May (3)	Oct. (6)
Deadline of registration:	04.11.11	20.01.12	06.07.12
Shipment:	11.01.12	09.05.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	08.11.12

No. 710

Amino acid analysis

Schadewaldt / Reinauer



- 2 samples variable volumes, lyophilized respectively liquid samples -

35,00 € /Survey

Quantitative (Plasma, P, and Urine, U):

Alanine	Cystathionine	4-hydroxy-proline	Proline
β-alanine	Cystine	Isoleucine	Serine
α-aminoadipic acid	Glutamine	allo-isoleucine (P)	Taurine (P)
β-aminoisobutyric acid (U)	Glutamic acid	Leucine	Threonine
Arginine	Glycine	Lysine	Tryptophan
Argininosuccinic acid (U)	Histidine	Methionine	Tyrosine
Asparagine	3-methyl-histidine	Ornithine	Valine
Citrulline	Homocystine (U)	Phenylalanine	

Qualitative (Urine):

AADG (2-acetamido-1-L-β-aspartatamido-1,2-dideoxy-β-D-glucose)		β-mercaptolactate-cysteic-disulfide
Anserine	Ethanolamine	Phosphoethanolamine (P,U)
Argininosuccinic acid (P)	Hawkinsin	Saccharopine
Asparagine (P,U)	1-methyl-histidine	Sarcosine (P,U)
Ne-(β-aspartyl)lysine	3-hydroxykynurenin	S-sulfocysteic
Carnosine	Hydroxylysine	Taurine
Cysteic-homocysteic-disulfide (P,U)	Kynurenine	Diagnosis (proficiency t



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 620**Arteriosclerosis I**

Wood / Reinauer

*- 2 samples plasma or serum à 3 mL -*

43,00 € /Survey



Vit. B12 Folic acid Homocystein
 Pyridoxal-5-phosphate (vitamin B6)

26,00 € Add. set



	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	21.03.12	08.11.12

No. 251**Autoimmune diseases I**

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey



Antinuclear antibodies ANA anti-DNA antibodies

24,00 € Add. set



	March (2)	Aug. (5)
Deadline of registration:	06.01.12	22.06.12
Shipment:	07.03.12	22.08.12
Deadline for receipt of data:	21.03.12	05.09.12

No. 253**Autoimmune diseases II**

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey



Antibodies against Mitochondria Microsomes (LKM 1) Smooth muscles
 Actin Parietal cells (H+/-K+-ATPase)

24,00 € Add. set



	March (2)	Aug. (5)
Deadline of registration:	06.01.12	22.06.12
Shipment:	07.03.12	22.08.12
Deadline for receipt of data:	21.03.12	05.09.12

No. 255**Autoimmune diseases III**

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey



Antibodies against Scl70 / Topoisomerase PM/Scl U1-snRNP (70k-, A-, C-proteins)
 Sm (B'B-, D-proteins) SSB/La SSA/Ro (52kD-/ 60kD-proteins)
 Jo1 / Histidyl-tRNA-Synthetase

24,00 € Add. set



	Aug. (5)
Deadline of registration:	22.06.12
Shipment:	22.08.12
Deadline for receipt of data:	05.09.12

No. 257**Autoimmune diseases IV**

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey



Antibodies against neutrophilic granulocytes (cANCA/pANCA) PR3-ANCA (proteinase 3)
 MPO-ANCA (myeloperoxidase) Glomerular basement memb

24,00 € Add. set



	March (2)
Deadline of registration:	06.01.12
Shipment:	07.03.12
Deadline for receipt of data:	21.03.12

No. 259 Autoimmune diseases V

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*45,00 € /Survey
24,00 € Add. setAntibodies against
epidermal basement membrane desmoplakine I/II collagen type VII
desmogleine 1/3 hemidesmosomal antigens BPAg 1/2 spine cells desmosomes/ICSA

March (2)

Deadline of registration:	06.01.12
Shipment:	07.03.12
Deadline for receipt of data:	21.03.12

No. 261 Autoimmune diseases VI

Seelig / Blüthner

*- 6 samples, serum, Serum à 0,3 mL -*104,00 € /Survey
56,00 € Add. setAntibodies against Glutamic acid decarboxylase (GAD) Islet cell antibodies (ICA)
Insulin (IAA) Tyrosine phosphatase (IA2A)

Aug. (5)

Deadline of registration:	22.06.12
Shipment:	22.08.12
Deadline for receipt of data:	05.09.12

No. 263 Autoimmune diseases VII

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*45,00 € /Survey
24,00 € Add. setAntibodies against
Adrenal cortex p450c21-hydroxylase p450c17-hydroxylase p450scc-hydroxylase

Aug. (5)

Deadline of registration:	22.06.12
Shipment:	22.08.12
Deadline for receipt of data:	05.09.12

No. 265 Autoimmune diseases VIII

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*45,00 € /Survey
24,00 € Add. setAntibodies against onconeural antigens Neuronuclear antibodies Hu-D
Ri/Nova 1 Purkinje cells (CDR62/Yo) Amphiphysine I
Ma-1 Ma-2/Ta

March (2)

Deadline of registration:	06.01.12
Shipment:	07.03.12
Deadline for receipt of data:	21.03.12

No. 267 Autoimmune diseases IX

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*45,00 € /Survey
24,00 € Add. set

Antibodies against gangliosides myelin associated glycoprotein (MAG)



March (2)

Deadline of registration:	06.01.12
Shipment:	07.03.12
Deadline for receipt of data:	21.03.12

No. 269 Autoimmune diseases X

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey

Antibodies against acetylcholine receptor Myasthenia gravis
striated muscle titin

24,00 € Add. set



March (2)

Deadline of registration:

06.01.12

Shipment:

07.03.12

Deadline for receipt of data:

21.03.12

No. 271 Autoimmune diseases XI

Seelig / Stern / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey

Antibodies against gliadin endomysium (anti-endomysium-IgA)
tissue transglutaminase

24,00 € Add. set



Aug. (5)

Deadline of registration:

22.06.12

Shipment:

22.08.12

Deadline for receipt of data:

05.09.12

No. 273 Autoimmune diseases XII

Seelig / Blüthner

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey



Antibodies against cyclic citrullinated peptide (CCP) Rheumatoid factor

24,00 € Add. set



March (2) Aug. (5)

Deadline of registration:

06.01.12

22.06.12

Shipment:

07.03.12

22.08.12

Deadline for receipt of data:

21.03.12

05.09.12

No. 275 Autoimmune diseases XIII

Seelig / Blüthner / Spannagl

*- 2 samples, serum, Serum à 0,3 mL -*

45,00 € /Survey



Antibodies against cardiolipin IgG, cardiolipin IgM, beta2-glycoprotein IgG, beta2-glycoprotein IgM

24,00 € Add. set



Aug. (5)

Deadline of registration:

22.06.12

Shipment:

22.08.12

Deadline for receipt of data:

05.09.12

No. 532 Bacterial genome detection - Bordetella pertussis

Reischl / Schneider

*- 1 set = 4 samples à 0,3 mL, lyophil. samples -*

139,00 € /Survey



Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set



May (3) Oct. (6)

Deadline of registration:

23.03.12

31.08.12

Shipment:

23.05.12

31.10.12


Deadline for receipt of data:

13.06.12


14.11.12

No. 535 Bacterial genome detection - Borrelia burgdorferi

Reischl / Fingerle

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 540 Bacterial genome detection - Chlamydia pneumoniae

Reischl / Maaß

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 531 Bacterial genome detection - Chlamydia trachomatis

Reischl / Straube

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 530 Bacterial genome detection - Chlamydia trachomatis & Neisseria gonorrhoeae

Reischl / Straube

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

156,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

131,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 542 Bacterial genome detection - Coxiella burnetii

Reischl / Frangoulidis

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 534 Bacterial genome detection - EHEC / STEC

Reischl / Schneider

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 543**Bacterial genome detection - Francisella tularensis**

Reischl / Spletstößer

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 533**Bacterial genome detection - Helicobacter pylori**

Reischl / Schneider

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 536**Bacterial genome detection - Legionella pneumophila**

Reischl / Schneider

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 538**Bacterial genome detection - Listeria ssp.**

Reischl / Schneider

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 539**Bacterial genome detection - MRSA resp. cMRSA**

Reischl / Schneider

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 541**Bacterial genome detection - Mycoplasma pneumoniae**

Reischl / Jacobs

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey


 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 537**Bacterial genome detection - Salmonella enterica**

Reischl / Schneider

 - 1 set = 4 samples à 0,3 mL, lyophil. samples -

139,00 € /Survey

 Polymerase Chain Reaction (PCR) and other procedures for detection of specific DNA

129,00 € Add. set


	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 411**Bacteriology B**

Suerbaum / Ziesing

 - 3 samples (dried) -

60,00 € /Survey

 Bacterial identification and susceptibility tests (3 cultures)

34,00 € Add. set

A letter will only be sent in advance should the panel of antibiotica to be tested be changed:

Ampicillin	Ampicillin/Sulbactam	Ceftazidim	Cefuroxim-Axetil
Ciprofloxacin	Doxycyclin	Erythromycin	Gentamicin
Meropenem	Oxacillin	Penicillin G	Trimethoprim/Sulfamethoxazol


	Jan. (1)	April (3)	July (4)	Nov. (6)
Deadline of registration:	09.12.11	02.03.12	01.06.12	05.10.12
Shipment:	25.01.12	18.04.12	18.07.12	21.11.12
Deadline for receipt of data:	03.02.12	27.04.12	27.07.12	30.11.12

No. 412**Bacteriology A**

Suerbaum / Ziesing

 - 5 samples (lyophilized) -

80,00 € /Survey

 Bacterial identification and susceptibility tests (5 cultures)

46,00 € Add. set

A letter will only be sent in advance should the panel of antibiotica to be tested be changed:

Ampicillin	Cefotaxim	Ceftazidim	Cefuroxim
Ciprofloxacin	Doxycyclin	Erythromycin	Gentamicin
Meropenem	Oxacillin	Penicillin G	Piperacillin/Tazobactam
Tobramycin	Trimethoprim/Sulfamethoxazol	Vancomycin	

	Febr. (1)	Aug. (5)
Deadline of registration:	16.12.11	13.07.12
Shipment:	01.02.12	29.08.12
Deadline for receipt of data:	10.02.12	07.09.12

No. 317**Infection serology - Bordetella pertussis antibodies**

Hunfeld / Brade

 - 2 samples à 200 µL, serum - (Order of additional sets is not possible!)

57,00 € /Survey

 Antibodies against Bordetella pertussis

	Oct. (6)
Deadline of registration:	31.08.12
Shipment:	31.10.12
Deadline for receipt of data:	14.11.12

No. 332**Infection serology - Borrelia burgdorferi antibodies**

Hunfeld / Brade

 - 2 samples à 400 µL, serum - (Order of additional sets is not possible!)

57,00 € /Survey

 Antibodies against borrelia

	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 319 Infection serology - Campylobacter antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

52,00 € /Survey



Antibodies against campylobacter



May (3)

Deadline of registration:	23.03.12
Shipment:	23.05.12
Deadline for receipt of data:	13.06.12

No. 314 Infection serology - Chlamydia (Chlamydophila) pneumoniae antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

57,00 € /Survey



Antibodies against Chlamydia pneumoniae



May (3) Oct. (6)

Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 312 Infection serology - Chlamydia trachomatis antibodies

Hunfeld / Brade

*- 2 samples à 200 µL, serum - (Order of additional sets is not possible!)*

52,00 € /Survey



Antibodies against Chlamydia trachomatis



May (3) Oct. (6)

Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 316 Infection serology - C. trachomatis direct detection (dir. IFA)

Hunfeld / Brade

*- 2 slides - (Order of additional sets is not possible!)*

42,00 € /Survey



Direct detection of Chlamydia trachomatis antigen (dir. IFA)



May (3) Oct. (6)

Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 313 Infection serology - C. trachom.direct detection (Ag-ELISA, PACE2 CT Assay)

Hunfeld / Brade

*- 2 spiked samples à 200 µL - (Order of additional sets is not possible!)*

42,00 € /Survey



Direct detection of Chlamydia trachomatis antigen (ELISA, PCR)



May (3) Oct. (6)

Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 325 Infection serology - Coxiella burnetii antibodies

Hunfeld / Brade

*- 2 samples à 300 µL, serum - (Order of additional sets is not possible!)*

57,00 € /Survey



Antibodies against Coxiella burnetii



Oct. (6)

Deadline of registration:	31.08.12
Shipment:	31.10.12
Deadline for receipt of data:	14.11.12

No. 322 Infection serology - C-reactive protein

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

32,00 € /Survey



Detection of C-reactive protein (CRP)



Jan. (1) May (3) Aug. (5) Oct. (6)

Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 318 Infection serology - Diphtheria toxoid antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

42,00 € /Survey



Antibodies against diphtheria toxoid



May (3) Oct. (6)

Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 334 Infection serology - Helicobacter pylori antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

57,00 € /Survey



Antibodies against Helicobacter pylori



May (3) Oct. (6)

Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 324 Infection serology - Mycoplasma pneumoniae antibodies

Hunfeld / Brade

*- 2 samples à 300 µL, serum - (Order of additional sets is not possible!)*

57,00 € /Survey



Antibodies against mycoplasma pneumoniae



Oct. (6)

Deadline of registration:	31.08.12
Shipment:	31.10.12
Deadline for receipt of data:	14.11.12

No. 320 Infection serology - Procalcitonin

Hunfeld / Brade

*- 2 samples à 200 µL, serum - (Order of additional sets is not possible!)*

42,00 € /Survey



Detection of procalcitonin



May (3) Oct. (6)

Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 323 Infection serology - Rheumatoid factor

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

37,00 € /Survey

**Detection of rheumatoid factor (RF)**

	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 331 Infection serology - Salmonella antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

52,00 € /Survey

**Antibodies against salmonella**

	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 321 Infection serology - Antistreptococcal antibodies (ASL,

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

52,00 € /Survey

**Antibodies against streptococcal antigens**

	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 310 Infection serology - Tetanus toxoid antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

42,00 € /Survey

**Antibodies against tetanus toxoid**

	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 311 Infection serology - Treponema pallidum antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

57,00 € /Survey

**Antibodies against Treponema pallidum**

	May (3)	Oct. (6)
Deadline of registration:	23.03.12	31.08.12
Shipment:	23.05.12	31.10.12
Deadline for receipt of data:	13.06.12	14.11.12

No. 315 Infection serology - Yersinia antibodies

Hunfeld / Brade

*- 2 samples à 400 µL, serum - (Order of additional sets is not possible!)*

52,00 € /Survey

**Antibodies against yersinia**

	May (3)
Deadline of registration:	23.03.12
Shipment:	23.05.12
Deadline for receipt of data:	13.06.12

No. 185

Biogenic amines in plasma

Wood / Reinauer



- 2 samples plasma -

42,00 € /Survey
25,00 € Add. set



Epinephrine/Adrenalin Dopamine Norepinephrine/Noradrenalin Serotonin



	Jan. (1)	July (4)
Deadline of registration:	04.11.11	04.05.12
Shipment:	11.01.12	04.07.12
Deadline for receipt of data:	25.01.12	18.07.12

No. 161

Blood gas analysis

Luppa / Reinauer



- 2 samples à 2,5 mL, special samples -

36,00 € /Survey
18,00 € Add. set



ionized calcium Glucose Sodium pO2
(dir. potentiometry) Potassium pCO2
Chloride Lactate pH



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 162

Blood gas analysis / haemoglobin

Heller / Schlatterer-Krauter



- 2 samples -

32,00 € /Survey
15,00 € Add. set



Haemoglobin, total Fraction O2Hb Fraction COHb Fraction MethHb



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 163

Blood gas analysis - OPTI systems

Luppa / Reinauer



- 2 samples à 1,7 mL, special samples -

36,00 € /Survey
18,00 € Add. set



BUN Chloride Lactate pH
ionized Calcium Haemoglobin, total Sodium pO2
(dir. potentiometry) Potassium pCO2 sO2



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 760

Myocardial markers

Baum / Reinauer



- 2 samples à 2 mL serum/plasma (lyophilized) -

58,00 € 760 + 761
35,00 € Add. set



CK-MB (activity or mass) NT-pro BNP (N-terminal proBNP)
Myoglobin Troponin I Troponin T



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 761

Myocardial markers - BNP

Baum / Reinauer



- 2 samples serum/plasma (lyophilized) -

31,00 € /Survey



BNP (B-type natriuretic peptide)



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 176

Narcotic drugs in human urine (qualit.+quant.)

Reinauer / Niederau



- 2 samples à 10 mL urine (lyophilized) -

38,00 € /Survey

23,00 € Add. set

**Qualitative**

Amphetamine	Benzodizipine-Lorazepam	LSD	Methamphetamine
Barbiturate-Phenobarbital	Buprenorphin	MDMA	Morphine (free base)
Benzoyllecgonin	EDDP	Methadon	Opiate (total)
Delta-9-THC-COOH			

Quantitative

Amphetamine	Benzodizipine-Lorazepam	LSD	Methamphetamine
Barbiturate-Phenobarbital	Buprenorphin	MDMA	Morphine
Benzoyllecgonin	EDDP	Methadon	Delta-9-THC-COOH



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 141

Serum proteins/electrophoresis

Reinauer / Niederau



- 2 samples à 5 mL serum (lyophilized) -

21,00 € /Survey

13,00 € Add. set



Albumin Total protein Serum proteins (electrophoresis)



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 700

Ethanol

Reinauer / Falck



- 2 samples à 2 mL, serum respectively plasma -

31,00 € /Survey

16,00 € Add. set



Ethanol



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 130

Fecal diagnostics

Kuschak / Schauseil



- 2 fecal samples (Order of additional sets is not possible!) -

36,00 € /Survey



Calprotectin



	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	21.03.12	08.11.12

No. 236**Free Haemoglobin**

Wood / Heuck

 - 2 samples erythrocytes preparation (lyophilized) -

31,00 € /Survey


 Haemoglobin (free)

16,00 € Add. set

	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 243**Gammopathies**

Reinauer / Niederau

 - 2 samples à 1 mL, plasma -

39,00 € /Survey


 Monoclonal and biclonal gammopathies

18,00 € Add. set

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 111**Glucose - wet chemistry**

Reinauer / Wood

 - 2 samples à 5 mL serum (lyophilized) -

26,00 € /Survey

 Glucose

13,00 € Add. set

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 145**Glycated proteins I**

Reinauer / Kaiser

 - 2 samples haemolysate (lyophilized) -

43,00 € /Survey


 HbA1 **HbA1c**

27,00 € Add. set

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 146**Glycated proteins II**

Niederau / Reinauer

 - 2 samples serum (lyophilized) -

15,00 € /Survey


 Fructosamine

10,00 € Add. set

	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 147**Glycated proteins III (NycoCard systems)**

Niederau / Reinauer

 - 2 samples stabilized whole blood preparation -


64,00 € /Survey

 HbA1c

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 148 Glycated proteins IV (Afinion systems)

Niederau / Reinauer

 - 2 samples stabilized whole blood preparation -


29,00 € /Survey
18,00 € Add. set

 HbA1c

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 211 Haematology I - Blood cell count

Heller / Schlatterer-Krauter

 - 2 specimen à 2 mL, stabilized control blood -

43,00 € /Survey
26,00 € Add. set

 **Haemoglobin*** **RBC (erythrocytes)** **MCV** **WBC (leucocytes)**
Platelet count **Haematocrit (packed cell volume by centrifugation or electronic counter)**

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	02.12.11	20.01.12	16.03.12	04.05.12	06.07.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 811 Haematology II - Haemoglobin, AHD method

Heller / Schlatterer-Krauter

 - 2 samples à 1,5 mL -


25,00 € /Survey
13,00 € Add. set

 **Haemoglobin (total)**

	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 209 Haematology III - Blood cell count - QBC system

Heller / Schlatterer-Krauter

 - 2 samples control blood -

39,50 € /Survey
24,00 € Add. set

 **Haemoglobin - QBC** **Haematocrit - QBC** **WBC (leucocytes) - QBC** **Platelet count - QBC**

	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	14.03.12	30.05.12	08.08.12	10.10.12
Deadline for receipt of data:	21.03.12	06.06.12	15.08.12	17.10.12

No. 216 Haematology IV - Reticulocyte analysis II (automatic analys Nebe / Gutensohn


 - 2 samples for automated reticulocyte counting by cell analysers -

80,00 € /Survey
55,00 € Add. set

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	10.01.12	08.05.12	03.07.12	23.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 215 Haematology V - Reticulocyte analysis I (microscopy)

Nebe / Gutensohn

 - 2 blood smears for microscopic analysis -

65,00 € /Survey

	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	05.03.12	08.10.12
Deadline for receipt of data:	21.03.12	24.10.12

No. 612 / 912

Haematology VI - Differential blood count (automatic)

Heller / Schlatterer-Krauter



- 2 samples fresh whole blood from blood-bank, overnight shipping -

55,00 € /Survey
34,00 € Add. set



Blood cell count + automatic differential blood count

Haemoglobin RBC (erythrocytes) MCV WBC (leucocytes)
Platelet count Haematocrit
Diff. blood cell count: Neutrophilic granulocytes Lymphocytes
Monocytes Eosinophil Basophil

Due to high demand two different sets of samples will be sent. The group number you receive will be set by INSTAND e. V. before each EQAS shipment. Both groups are equivalent.



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	10.01.12	08.05.12	03.07.12	23.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 212

Haematology VII - Blood smear analysis

Diem / Baurmann



- 2 peripheral blood smears -

41,00 € /Survey

In addition to the two preparations, you usually receive an extra and difficult preparation (free of charge) which is not part of the EQA scheme, but is only intended for educational purposes."



Blood cell differentiation of leucocytes in %, morphology of erythrocytes, leucocytes, platelets · probable diagnosis

Mikroskopierkurse im Kloster Benediktbeuern bei München (Einzelmikroskop) - Termine und weitere Informationen ab April unter www.instand-ev.de/Ringversuche/Hämatologiekurse. Ringversuchsteilnehmer werden bevorzugt.



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 812-815

Haematology VIII - Collection of examples

Diem / Baurmann



Eingedeckte Ausstriche aus peripherem Blut incl. Lösungsheft zum Selbststudium.

(Beispiele siehe www.instand-ev.de/Ringversuche/Begleithefte)

Leihgebühr je Fallsammlung, 6 Wochen! (Lösungsheft kann behalten werden!)

77,00 € /Survey

Für Präparate, die nicht vollständig und unversehrt zurückgesendet werden, entsteht je Fallsammlung eine zusätzliche Gebühr von

130,00 € /Survey



	März (2)	Sept. (5)
Deadline of registration:	02.03.12	24.08.12
Shipment:	12.03.12	03.09.12
Return of the preparations:	23.04.12	15.10.12

Shipment only to German-speaking countries!

No. 218

Haematology IX - Bone marrow cytology

Diem / Baurmann



- 2 peripheral blood smears, 2 micro slides bone marrow aspirate (crushing preparation)- (Order of additional sets is not possible)

90,00 € /Survey



Evaluation and diagnosis

Mikroskopierkurs im Kloster Benediktbeuern bei München (Einzelmikroskop) - Termine und weitere Informationen ab April unter www.instand-ev.de/Ringversuche/Hämatologiekurse. Ringversuchsteilnehmer werden bevorzugt.



	Jan. (1)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	04.05.12	24.08.12
Shipment:	11.01.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	18.07.12	08.11.12

No. 213 Haematology X - Immunophenotyping I

Kuling / Schabath

*- 2 samples, control blood -*

95,00 € /Survey



Lymphocyte-immunophenotyping - peripheral blood:

60,00 € Add. set

T-, B-lymphocytes NK cells CD4-T cells CD8-T cells



March (2) Oct. (6)

Deadline of registration:	06.01.12	24.08.12
Shipment:	05.03.12	08.10.12
Deadline for receipt of data:	21.03.12	24.10.12

No. 217 Haematology XI - Stem-/Progenitor cells (CD 34)

Gutensohn / Humpe

*- 2 samples, human blood -*

95,00 € /Survey



For flow cytometric determination of CD34+ stem and progenitor cells

60,00 € Add. set



March (2) Oct. (6)

Deadline of registration:	06.01.12	24.08.12
Shipment:	05.03.12	08.10.12
Deadline for receipt of data:	21.03.12	24.10.12

No. 214 Haematology XII - Immunophenotyping II

Schabath / Kuling

*Sample I: bone marrow / blood smears + leukaemia / lymphoma cells*

110,00 € /Survey

Sample II: bone marrow / blood smears + list mode dates (disc) -

50,00 € Add. set



Immunophenotyping of leukemias/lymphomas



Oct. (6)

Deadline of registration:	24.08.12
Shipment:	24.10.12
Deadline for receipt of data:	08.11.12

No. 616 Haematology XIII - PNH diagnostics

Schrezenmeier / Nebe

*- 2 samples, EDTA-blood -*

95,00 € /Survey



GPI deficient cells



May (3) Oct. (6)

Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 617 Haematology XIV - Immunophenotyping III (T-, B-, NK-cells)

Humpe / Gutensohn

*- 2 samples, cellular products -*

95,00 € /Survey



For flow cytometric determination of T-, B- and NK-cells only in cellular products

60,00 € Add. set



May (3) Oct. (6)

Deadline of registration:	09.03.12	24.08.12
Shipment:	08.05.12	23.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 210 Haematology XV - Haemoglobinopathies

Frömmel / Brunner



- 2 samples whole blood -

35,00 € /Survey



Evaluation and diagnosis

20,00 € Add. set



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	06.06.12	21.11.12

No. 221 Haemostasis I (TPZ, INR, aPTT)

Spannagl / Dick



- 2 samples à 1 mL resp. 0,5 mL plasma (lyophilized) - maximum order: 2 sets of samples

43,00 € /Survey



Global test I: PT (TPZ), aPTT

19,00 € Add. set

Prothrombin time

Activated partial thromboplastin time



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 222 Haemostasis II (FIB, TZ, FSP)

Spannagl / Dick



- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples

45,00 € /Survey



Global test II: TZ, FIB, FDP screening

19,00 € Add. set

Thrombin time

Fibrinogen

FDP screening, using batroxobin time or heparin independent thrombin time



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 223 Haemostasis III (Factor II, V, VII,X)

Spannagl / Dick



- 2 samples à 1 mL (resp. 0,5 mL) plasma, lyophil. material) - maximum order: 2 sets of samples

50,00 € /Survey



Single factors A (via PT):

19,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 224 Haemostasis IV (Factor IX, XI, XII, XIII)

Spannagl / Dick



- 2 samples à 1 mL (resp. 0,5 mL) plasma, lyophil. material - maximum order: 2 sets of samples

50,00 € /Survey



Single factors B (via APTT etc.):

19,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 225 Haemostasis V (AT, Protein-C, -S, C1-Inhibitor)

Spannagl / Dick

*- 2 samples à 1 mL (resp. 0,5 mL) plasma, lyophil. material - maximum order: 2 sets of samples*

42,00 € /Survey

**Inhibitores (AT, PC, PS)** Antithrombin Protein C C1-Inhibitor Protein S

18,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 226 Haemostasis VI (D-Dimer)

Spannagl / Peetz

*- 2 samples à 0,5 mL plasma (lyophilized) - maximum order: 2 sets of samples*

32,00 € /Survey

**D-Dimer (DD)** Detection of D-Dimer (quantitative)

18,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 227 Haemostasis VII (Faktor VIII, WF)

Spannagl / Dick

*- 2 samples à 1 mL (resp. 0,5 mL) plasma, lyophil. material) - maximum order: 2 sets of samples*

42,00 € /Survey

**F. VIII / WF** F. VIII, WF Ag, WF RiCof, WF CBA

18,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 229 Haemostasis IX (Hirudin)

Peetz / Spannagl

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

23,00 € /Survey

**Hirudin**

12,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 230 Haemostasis X (Argatroban)

Peetz / Spannagl

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

23,00 € /Survey

**Argatroban**

12,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 280**Haemostasis XII (UF Heparin)**

Peetz / Spannagl

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

23,00 € /Survey



Unfractionated heparin

12,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 281**Haemostasis XIII (NM Heparin)**

Peetz / Spannagl

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

23,00 € /Survey



Low mol. weight heparin

12,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 282**Haemostasis XIV (Orgaran)**

Peetz / Spannagl

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

23,00 € /Survey



Orgaran

12,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 283**Haemostasis XV (TEG/ROTEM)**

Spannagl / Dick

*- 2 samples à 2 mL plasma (lyophilized) - maximum order: 2 sets of samples*

43,00 € /Survey



TEG/ROTEM

19,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 284**Haemostasis VI - Molecular genetics**

Geisen / Spannagl / Flörke

*- 1 sample each, DNA - (Order of additional sets is not possible!)*

67,00 € /Survey



VKORC1

CYP2C9

F. VIII, F IX, WF

Can only be ordered as a set



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 285**Haemostasis XVII - Compact**

Spannagl / Dick

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

77,00 € /Survey

Antithrombin
Thrombin timeD-Dimer
Prothrombin timeFibrinogen
Activated partial thromboplastin time

30,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 286**Haemostasis XVIII - POCT**

Spannagl / Dick

*- 2 samples whole blood or lyophilized material -*

26,00 € /Survey



INR

Quick %

PTT

ACT

17,00 € Add. set

Due to different detection techniques applied not every sample material can be guaranteed as suitable for every POCT machine.



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 288**Haemostasis XX - Functional APC resistance**

Spannagl / Dick

*- Citrated plasma à 1 mL; both a normal and a pathological sample -*

20,00 € /Survey



Functional APC resistance



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 501**Haemostasis XXI - (Fondaparinux)**

Peetz / Dick

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

30,00 € /Survey



Fondaparinux

15,00 € Add. set



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 502**Haemostasis XXII - (Dabigatran)**

Dick / Peetz

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

30,00 € /Survey



Dabigatran

15,00 € Add. set



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 503 Haemostasis XXIII - (Rivaroxaban)

Dick / Peetz

*- 2 samples à 1 mL plasma (lyophilized) - maximum order: 2 sets of samples*

30,00 € /Survey



Rivaroxaban

15,00 € Add. set



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 500 Urinary stone analyses

Rebentisch / Wolter

*- 2 samples pulverized material -*

31,00 € /Survey



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

18,00 € Add. set

No. 301 Hormones - Ca-metabolism/special thyroid

Wood / Maly

*- 2 samples à 3 mL serum (lyophilized) -*

35,00 € /Survey



Calcitonin

1-84 PTH

Thyroglobulin

20,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 305 Hormones - Fertility - 1st trimester screening

Maly / Wood

*- 2 samples serum/plasma -*

83,00 € /Survey

 β -hCG (free β -chain) PAPP A

45,00 € Add. set



	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	05.09.12	08.11.12

No. 306 Hormones - Fertility - 2st trimester screening

Maly / Wood

*- 2 samples serum/plasma -*

56,00 € /Survey



AFP

 β -hCG

unconjugated E3


41,00 € Add. set



	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	05.09.12	08.11.12

No. 297 Hormones - Fertility analytes (general)

Wood / Maly

 - 2 samples à 3 mL serum/plasma (lyophilized) -

34,00 € /Survey
25,00 € Add. set

 **AFP** FSH oestriol (free)* Total-oestriol*
hCG (total) + β-hCG hCG (total)* free β-chain hCG LH

Oestriol (free), Total-oestriol* Please order special samples No. 303. In addition to No. 297 free of charge.
For single order: 9 €

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 307 Hormones - Fertility analytes

Wood / Reinauer

 - 2 samples à 5 mL serum (lyophilized) -

25,00 € /Survey
13,00 € Add. set

 **17-β-estradiol** Progesterone Testosterone (total)

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 298 Hormones - Adrenal gland/pituitary

Wood / Reinauer

 - 2 samples, 3 or 5 mL serum/plasma (lyophilized) -


28,50 € /Survey
20,00 € Add. set

 1-39 ACTH DHEA DHEA-S HGH Prolactin


	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	05.09.12	08.11.12

No. 300 Hormones - Pancreas/gastrointestinal tract

Reinauer / Wood

 - 2 samples à 5 mL serum/plasma (lyophilized) -


28,50 € /Survey
20,00 € Add. set

 C-peptide Gastrin Glucagon
Insulin Proinsulin

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 294 Hormones - Thyroid hormones

Wood / Reinauer

 - 2 samples à 5 mL serum/plasma (lyophilized) -


35,00 € /Survey
22,00 € Add. set

 **T3** TSH T4 (free) T3U
T4 T3 (free) TBG T-Uptake

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 295 Hormones - Thyroid gland antibodies

Wood / Reinauer

 - 2 samples à 1 mL serum/plasma (lyophilized) -
34,00 € /Survey
24,00 € Add. set
 Anti-microsomal Anti-thyroglobulin Anti-TPO TSI/TSAB (TRAK/THYBIA)

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 302 Hormones - Steroid hormones, thyroid hormones

Reinauer / Wood

 - 2 samples à 5 mL serum (lyophilized) -
48,00 € /Survey
25,00 € Add. set
 *Aldosterone Cortisol Testosterone (total) T4 T4 (free)
17-β-estradiol Progesterone T3 T3 (free)

*Aldosterone: Please order special samples No. 304. In addition to No. 302 free of charge. For single order: 14,- €

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 309 Hormones - Virilization

Maly / Wood

 - 2 samples serum/plasma -
56,00 € /Survey
45,00 € Add. set
 17-hydroxy progesterone Androstendione

	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	05.09.12	08.11.12

No. 440 Immunogenetics / HLA

Heinemann / Schönemann

 - 5 blood samples - (Order of additional sets is not possible!)


49,00 € /Survey

 Determination of HLA-B27


	Jan. (1)	April (3)	July (4)	Nov. (6)
Deadline of registration:	25.11.11	02.03.12	25.05.12	21.09.12
Shipment:	23.01.12	16.04.12	09.07.12	05.11.12
Deadline for receipt of data:	13.02.12	07.05.12	30.07.12	26.11.12

No. 441 Immunogenetics / HLA

Heinemann / Schönemann

 - 5 blood samples - (Order of additional sets is not possible!)

69,00 € /Survey

 Serological typing of HLA class I (HLA A, B) (441-1) and/or HLA class II (HLA-DR, DQ) (441-2)

	Jan. (1)	April (3)	July (4)	Nov. (6)
Deadline of registration:	25.11.11	02.03.12	25.05.12	21.09.12
Shipment:	23.01.12	16.04.12	09.07.12	05.11.12
Deadline for receipt of data:	13.02.12	07.05.12	30.07.12	26.11.12

No. 442 Immunogenetics / HLA

Heinemann / Schönemann

*- 5 blood samples - (Order of additional sets is not possible!)*

79,00 € /Survey

**DNA typing of HLA class II: Generic HLA-DRB typing (442-1), generic HLA-DQB1 typing (442-2), high resolution HLA-DRB1 typing (442-3), high resolution HLA-DQB1 typing (442-4), HLA-DRB1 DNA typing to determine the "Shared Epitope" (442-5)**

	Jan. (1)	April (3)	July (4)	Nov. (6)
Deadline of registration:	25.11.11	02.03.12	25.05.12	21.09.12
Shipment:	23.01.12	16.04.12	09.07.12	05.11.12
Deadline for receipt of data:	13.02.12	07.05.12	30.07.12	26.11.12

No. 443 Immunogenetics / HLA

Heinemann / Schönemann

*- 5 blood samples / survey, 1 serum set (20 sera) / year- (Order of additional sets is not possible only on block with No. 441 in April and/or July)*

100,00 €

**HLA crossmatching (lymphocytotoxic crossmatching)**

	Jan. (1)
Deadline of registration:	25.11.11
Shipment:	23.01.12
Deadline for receipt of data:	13.02.12

No. 444 Immunogenetics / HLA

Heinemann / Schönemann

*- 5 samples (buffy coat) - (Order of additional sets is not possible!)*

110,00 € /Survey

**DNA typing of HLA class I: Optional generic HLA-A typing (444-1), generic HLA-B typing (444-2), generic HLA-C typing (444-3), high resolution HLA-A typing (444-4), high resolution HLA-B typing (444-5), high resolution HLA-C typing (444-6), HLA-B*57:01 determination (444-7)**

	Jan. (1)	April (3)	July (4)	Nov. (6)
Deadline of registration:	25.11.11	02.03.12	25.05.12	21.09.12
Shipment:	23.01.12	16.04.12	09.07.12	05.11.12
Deadline for receipt of data:	13.02.12	07.05.12	30.07.12	26.11.12

No. 445 Immunogenetics / HLA

Heinemann / Schönemann

*- 5 serum samples - (Order for maximum 2 additional sets is possible!)*

140,00 € /Survey

**HLA-antibody screening (presence/absence of HLA antibodies, HLA antibody specification)**

100,00 € Add. set

Note: Optional participation in an educative trial on "virtual antibody testing" by Luminex method. Details will be provided during the regular 445 scheme.

	Jan. (1)	July (4)
Deadline of registration:	25.11.11	25.05.12
Shipment:	23.01.12	09.07.12
Deadline for receipt of data:	13.02.12	30.07.12

No. 231 Immunohaematology I

Wagner / Geisen

*- 2 sets of samples: 1 set = 1 x 5 mL serum/1 x 5 mL erythrocytes suspension -*

52,00 € /Survey



A B 0 grouping	Rh-typing	Coombs testing (dir.)
Rh-factor D	Antibody-screening	Kell antigen

36,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	20.01.12	16.03.12	06.07.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 232 Immunohaematology II

Wagner / Geisen

*- 2 sets of samples: 1 set = 2 x 5 mL serum/1 x 5 mL erythrocytes suspension -*

69,00 € /Survey



Same as No. 231, add.: Antibody identification and quantitation

49,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	20.01.12	16.03.12	06.07.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 233 Immunohaematology III - Platelet immunology

Bux / Kiefel / Kroll

*- 2 samples serum / plasma, 2 samples DNA, 2 samples platelet suspension -*

79,00 € /Survey



Platelet antibodies Platelet antigens



	March (2)	Aug. (5)
Deadline of registration:	06.01.12	22.06.12
Shipment:	07.03.12	22.08.12
Deadline for receipt of data:	04.04.12	19.09.12

No. 234 Immunohaematology IV - Granulocyte immunology (HNA antibodies and antigenes)

Bux / Kiefel / Kroll

*- 2 samples plasma, 2 samples DNA (Order of additional sets is not possible!) -*

79,00 € /Survey



HNA-/Granulocyte antibodies HNA-/Granulocyte (neutrophil) antigens

This EQA scheme includes all HNA antibody specificities.

This EQA scheme is dedicated to laboratories which are able to detect granulocyte antibodies and antigens. For laboratories which only want to type for granulocyte antigen alleles, the EQA scheme No. 235 „Immunohaematology VI – Molecular Diagnostic“ was designed. Because of the complicated preparation of the samples INSTAND e. V. reserves the right to supply no longer with proficiency test samples to laboratories, which have repeatedly sent any results.



	March (2)	Aug. (5)
Deadline of registration:	06.01.12	22.06.12
Shipment:	07.03.12	22.08.12
Deadline for receipt of data:	04.04.12	19.09.12

No. 237 Immunohaematology V (automatic)

Wagner / Geisen



- 2 samples, anticoagulated whole blood (haematocrit 30%) -

105,00 € /Survey
75,00 € Add. set



A B 0 grouping **Rh-typing** **Coombs testing (dir.)**
Rh-factor D **Antibody-screening** **Kell antigen**
Antibody identification and quantitation is optional



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	20.01.12	16.03.12	06.07.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 235 Immunohaematology VI (Molecular diagnostic)

Bein / Flegel / Sachs



- 4 DNA samples -

30,00 € /Survey



Red cells: *ABO, RHD, RHD-Deletion, RHCE, KEL, FY, JK, MNS*
FALSCH *HNA-1, HNA-3, HNA-4, HNA-5*
Platelets: *HPA-1, -2, -3, -5, 15*



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 241 Immunology-plasmaproteins

Reinauer / Spannagl



- 2 samples à 1 mL, plasma -

46,00 € /Survey
36,00 € Add. set



alpha1-antitrypsin Coeruloplasmin Hemopexin IgE
alpha1-glycoprotein **CRP** Haptoglobin **Transferrin**
alpha2-macroglobulin **hsCRP*** **IgA** soluble transferrin
C3-complement Cystatin C* **IgG** receptor (sTfR)
C4-complement **Ferritin** **IgM**

*hsCRP:

Please order special samples No. 240. In addition to No. 241 free of charge. For single order: 12 €

*Cystatin C: Please order special samples No. 242. In addition to No. 241 free of charge. For single order: 7 €



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 601 Immunosuppressive drugs

Ceglarek / Kaiser



- 3 samples whole blood -

55,00 € /Survey
30,00 € Add. set



Cyclosporin A Tacrolimus Sirolimus Everolimus

If necessary separate shipment because of UN 3373!



	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	21.03.12	08.11.12

No. 650

Interferon gamma Release Assay

Sack / Boldt

*- Heparin whole blood, not stabilized, overnight shipping (Order of additional sets is not possible!)*

100,00 € /Survey



IFN-gamma secretion of T cells after stimulation with M. tuberculosis



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 102

Capillary zone electrophoresis

Niederau / Reinauer

*- 2 samples serum (liquid) -*

20,00 € /Survey



Serum proteins (electrophoresis)



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 100

Clinical Chemistry - conventional analysis

Reinauer / Niederau

*- 2 samples à 5 mL serum (lyophilized) -*

37,00 € /Survey*

19,00 € Add. set



Albumin	CK	Uric acid	Lipase
Aldolase	Iron-binding capacity	Urea	Lithium
AP	Iron	IgA	Magnesium
alpha-amylase	Protein fractions	IgG	Sodium
alpha-HBDH	Total protein	IgM	Osmolality
Bilirubin (total)	Acid phosphatase	Potassium	Pancreas amylase
Bilirubin (conjug./direct)	GGT	Creatinine	Phosphate
Calcium	GLDH	Copper	Prostatic acid phosphatase
Chloride	Glucose	Lactate	Transferrin
Cholesterol*	GOT (AST)	LAP	Triglycerides
Cholinesterase	GPT (ALT)	LDH	

*Cholesterol: Using the system of Dimension (Dade Behring): Please order special samples No. 103. In addition to No. 100 free of charge. For single order: 18 €

*Eval. up to 10 pairs of analyt.results	Eval. 11-16 pairs of analyt.results	Eval. 17-24 pairs of analyt.results	al. more than 25 p. of analyt.results
37,00 €	39,00 €	44,00 €	47,00 €



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 151

Lipids/lipoproteins - all systems

Reinauer / Kuschak / Niederau

*- 2 samples serum/plasma (lyophilized) -*

42,00 € /Survey

27,00 € Add. set



Apolipoproteins	HDL-cholesterol	Lp (a)	Triglycerides
Cholesterol	LDL-cholesterol	Phospholipids	



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 460 Cerebrospinal fluid analysis I+II

Reiber / Zimmermann

**- 2 sets = CSF + serum - (Order of additional sets is not possible!)**

46,00 € /Survey

**Albumin IgA, IgG, IgM (CSF/serum quotients and interpretation)**
Total protein

Sample volumes in the proficiency test CSF (460 - 466) is limited because it is difficult to get lots of CSF.



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 462 Cerebrospinal fluid analysis III

Reiber / Zimmermann

**- 1 set of samples, CSF + serum - (Order of additional sets is not possible!)**

25,00 € /Survey

**Oligoclonal IgG**

	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 463 Cerebrospinal fluid analysis IV

Reiber / Zimmermann

**- 1 set of samples, CSF + serum - (Order of additional sets is not possible!)**

38,00 € /Survey



Analysis of virus specific antibodies (IgG class) in CSF and serum for detection of specific antibody response in central nervous system.

Antibodies against Herpes simplex viruses Measles viruses
Rubella viruses Varicella zoster viruses

Detection of titers is not precise enough.



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 464 Cerebrospinal fluid analysis V

Reiber / Zimmermann

**- 2 samples à 5 mL - (Order of additional sets is not possible!)**28,00 € /Survey
15 €/RV in combination
with No. 460, 462 or
463!**Glucose in CSF and Serum Lactate in CSF**

	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 465 Cerebrospinal fluid analysis VI

Reiber / Zimmermann

**- 1 set of samples, CSF + serum - (Order of additional sets is not possible!)**


55,00 € /Survey

**Analysis of borrelia antibodies (IgG class) in CSF and serum for detection of specific antibody response in central nervous system. Detection of titers is not precise enough.**

	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 466**Cerebrospinal fluid analysis VII**

Reiber / Lewczuk

 - 1 CSF sample - (Order of additional sets is not possible!)

39,00 € /Survey

 Amyloid β Peptid 42 (A β 42) Total Tau Protein (Tau) PhosphoTau Protein (pTau)


Neurochemical dementia diagnostics: Support for differential diagnosis of dementive processes by interpretation of the combined analysis of different marker proteins in CSF.

	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	10.06.12	24.11.12

No. 470**Cerebrospinal fluid cytology course**

Kühn / Haustein

- No distribution of samples! -

 Training course and test at the universities Ulm (July, 14th in 2012) and Dresden (Sept., 28th in 2012)

We will send you detailed informations after registration. The course is held in German language.


Deadline of registration: Ulm: May 31th, 2012; Dresden: August 31th, 2012

No. 730 - 735**Molecular genetics I**

Flörke / Kappert

 - 2 samples each, 0,5 ml human blood - (Order of additional sets is not possible!)

25,00 € /Survey



No. 730 Factor V-Leiden-Mutation	No. 733 HFE H63D, C282Y (optional: S65C)
No. 731 Prothrombin 20210	No. 734 Apolipoprotein E (E2, E3, E4)
No. 732 MTHFR C677T (optional: A1298C)	No. 735 PAI-1 (4G/5G)

100,00 € Set total

	Feb. (1)	Sept. (5)
Deadline of registration:	13.01.12	10.08.12
Shipment:	29.02.12	26.09.12
Deadline for receipt of data:	14.03.12	10.10.12

No. 738 - 749,790 - 793 Molecular genetics II

Flörke / Kappert

 - 3 samples each , DNA (in water) isolated from human leukocytes -

16,00 € /Survey

Set 1	Set 2	Add. set by request
<i>Coagulation</i>	<i>Enzyme inhibitors</i>	75,00 € Set 1 total
No. 740 Factor V-Leiden-Mutation	No. 743 alpha1-antitrypsin (PiM, PiS, PiZ)	60,00 € Set 2 total
No. 749 Fibrinogen receptor HPA 1a/1b	<i>Haemochromatosis</i>	
No. 739 Collagen receptor C807T	No. 741 HFE (H63D, C282Y)	
Nr. 747 MTHFR C677T	<i>Lipoproteins</i>	
No. 748 PAI-1 4G/5G	No. 744 Apolipoprotein E (E2, E3, E4)	
No. 746 Prothrombin 20210	<i>M. Wilson</i>	
No. 790 Protein C(3 exons as specified)	No. 745 Copper binding protein: ATP7B (H1069Q)	
No. 791 Protein S (3 exons as specified)	<i>Hyperbilirubinaemie</i>	
No. 792 Antithrombin (AT3; SERPINC1)	No. 742 UDP-glucuronyltransferase1 (TATA-box)	
	<i>Multiple endocrine neoplasia type 2A (MEN2A)</i>	
	No. 738 Ret proto-oncogene, exons 10-16	
	<i>Hereditary fructose intolerance</i>	
	No. 793 Aldolase B (A149P, A174D, N334K)	

	March (2)	May (3)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	24.08.12
Shipment:	07.03.12	09.05.12	24.10.12
Deadline for receipt of data:	28.03.12	30.05.12	14.11.12



- 8 sets of 3 samples each, lyophilized with 500 ng DNA per sample -

Each set 65,00 € /Survey
45,00 € Add. set**No. 770 Set 1**

F XIII Val34Leu *Coagulation*
 GPIA C807T *Coagulation*
 HPA-1 T393C *Coagulation*
 HPA-5 G1648A *Coagulation*
 MTHFR A1298C *Coagulation*
 β-Fibrinogen G-455A *Coagulation*
 F VII R353Q *Coagulation*
 Angiotensinogen M235T *Circulatory system*
 ACE Ins / Del *Circulatory system*

No. 772 Set 3

CFTR Delta F508 *Cystic fibrosis*
 LCT T-13910C *Lactose intolerance*
 UGT1A6 A541G *Pharmacogenetics*
 BCHE atypical variation *Pharmacogenetics*
 BCHE K variation *Pharmacogenetics*
 GH-R del exon 3 *Pharmacogenetics*
 HLA-B5701 *Pharmacogenetics, Abacavir hypersensitivity*
 HLA- B27 *Autoimmunity*

No. 775 Set 6

Thiopurin-S-Methyltransferase *Pharmacogenetics*
 FSH receptor *Pharmacogenetics*
 VKORC1 G-1639A } *Pharmacogenetics,*
 CYP2C9 } *Coumarin sensitivity*
 PRNP M129V *Nervoussystem*
 Hemoglobin S *Sickle cell disease*

No. 771 Set 2

HFE C282Y *Haemochromatosis*
 HFE H63D *Haemochromatosis*
 HFE S65C *Haemochromatosis*
 ApoB 100 (R3500) *Lipoproteins*
 ApoE E2 E3 E4 *Lipoproteins*
 a1-AT PiS *Enzyme inhibitors*
 a1-AT PiZ *Enzyme inhibitors*
 COL1A1 SP1 G/T *Collagen (osteoporosis)*
 VDR Bsml B/b *Vitamin D receptor (osteoporosis))*

No. 773 Set 4

CYP21B *21-Hydroxylase, AGS*

No. 774 Set 5

NOD2 R702W *Autoimmunity*
 NOD2 G908R *Autoimmunity*
 NOD2 L1007fs insC *Autoimmunity*
 TNFα G-238A *Autoimmunity*
 TNFα G-308A *Autoimmunity*
 IL-6 G-174C *Autoimmunity*

No. 776 Set 7

K-ras Codon 12/13 Mutations *Tumor Genetics*

No. 777 Set 8

Cytochrome p450 2D6 *Pharmacogenetics*
 IL-28B C/T rs12979860 *Hepatitis C*



	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	28.03.12	30.05.12	12.09.12	14.11.12

No. 490**Mycology I (yeasts)**

Haase / Albert



- 5 samples -

70,00 € /Survey
48,00 € Add. set

Differentiation of fungi (yeasts, yeast-like fungi, hyphomycetes) occurring as causative organism in case of mycosis of the mucosa, organs (deep-seated mycosis), systemic mycosis or in case of acquired mycosis after trauma.



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	08.02.12	19.09.12
Deadline for receipt of data:	29.02.12	10.10.12

No. 491**Mycology II (dermatophytes, ..)**

Tietz / Nenoff



- 4 samples, living cultures -

41,00 € /Survey
31,00 € Add. set

Differentiation of Dermatophytes Yeasts Moulds

Living strains of causative agents or contaminantes were sent out, isolated from patients with skin mycoses or mucosal fungal infections.



	Sept. (5)
Deadline of registration:	31.07.12
Shipment:	12.09.12
Deadline for receipt of data:	12.10.12

No. 480**Mycoserology I**

Zimmermann / Schröder

*- 2 samples, serum -*

34,00 € /Survey

**Candida antibodies**

Candida antigen

16,00 € Add. set



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	08.02.12	19.09.12
Deadline for receipt of data:	24.02.12	05.10.12

No. 481**Mycoserology II**

Tintelnot / Seibold

*- 2 samples, serum -*

34,00 € /Survey



Detection of cryptococcus neoformans antigen

16,00 € Add. set



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	08.02.12	19.09.12
Deadline for receipt of data:	24.02.12	05.10.12

No. 110**Neonatal bilirubin**

Reinauer / Wood

*- 2 samples serum à 2 mL (lyophilized) -*

31,00 € /Survey

**Bilirubin, total**

18,00 € Add. set



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 785**Neonatal Screening - Inborn errors of metabolism**

Thiery / Ceglarek

*- 2 samples dried blood spots -*

35,00 € /Survey



Amino acids

acyl carnitines

fatty acid oxidation disorders

21,00 € Add. set



	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	21.03.12	08.11.12

No. 456**Parasite diagnostic: Microscopic parasitology
"blood"**Tannich / Poppert /
Hörauf / Reiter-Owona*- 2 samples EDTA-blood or thin or thick blood film -*

59,00 € /Survey

Microscopic parasitology 'blood' in May and Oct.: Prof. Tannich, Hamburg;
in March and Aug. Prof. Hörauf, Bonn


39,00 € Add. set




	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	05.09.12	08.11.12

No. 451 Parasite diagnostic: Microscopic parasitology "stool"

Tannich / Poppert

 - 2 samples, fecal suspension or fecal smear -

59,00 € /Survey


 Microscopic parasitology 'stool': Prof. Tannich, Hamburg

39,00 € Add. set

	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 457 Parasite diagnostic: Detection of Toxoplasma DNA (PCR)

Hörauf / Reiter-Owona

 - stabilized EDTA-blood (or amnion fluid)

133,00 € /Survey

	March (2)	Aug. (5)
Deadline of registration:	06.01.12	22.06.12
Shipment:	07.03.12	22.08.12
Deadline for receipt of data:	21.03.12	05.09.12

No. 455 Parasite serology - Amebiasis and echinococcosis

Hörauf / Reiter-Owona

 - 2 samples variable volumes, serum -

49,00 € /Survey


 Amebiasis and echinococcosis

39,00 € Add. set

	Oct. (6)
Deadline of registration:	24.08.12
Shipment:	24.10.12
Deadline for receipt of data:	08.11.12

No. 454 Parasite serology - Malaria and schistosomiasis

Hörauf / Reiter-Owona

 - 2 samples variable volumes, serum -

49,00 € /Survey


 Malaria and schistosomiasis

39,00 € Add. set

	May (3)
Deadline of registration:	09.03.12
Shipment:	09.05.12
Deadline for receipt of data:	24.05.12

No. 452 Parasite serology - Toxoplasmosis

Hörauf / Reiter-Owona

 - 2 samples variable volumes, serum -

49,00 € /Survey

 Toxoplasmosis

39,00 € Add. set

	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 195 Therapeutic drug monitoring I

Steimer / Borner / Kaiser



- 2 samples à 5 mL serum (lyophilized) -

49,00 € /Survey
26,00 € Add. set



Carbamazepine Lithium* Primidone
Digoxin Phenobarbital Theophylline
Ethosuximide Phenytoin Valproic acid

*Lithium: Please order special samples No. 189. In addition to No. 195 free of charge. For single order: 18 €
Please order No. 121 for Vitros systems!



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 197 Therapeutic drug monitoring II

Steimer / Borner / Kaiser



- 2 samples à 5 mL serum (lyophilized) -

41,00 € /Survey
26,00 € Add. set



Amikacin Gentamicin Tobramycin
Digitoxin Methotrexate Vancomycin

72,00 € 195 + 197
52,00 € Add. set



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 198 Therapeutic drug monitoring III

Steimer / Borner



- 2 samples à 5 mL serum (lyophilized) -

31,00 € /Survey
21,00 € Add. set



Chloramphenicol Flucytosine Voriconazol
Fluconazol Posaconazol



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 193 Therapeutic drug monitoring IV

Steimer / Borner



- 2 samples à 2 mL serum (lyophilized) -

23,00 € /Survey
18,00 € Add. set



Teicoplanin



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 194 Therapeutic drug monitoring V

Steimer / Borner



- 2 samples à 2 mL serum (lyophilized) -

41,00 € /Survey
34,00 € Add. set



Paracetamol Salicylic acid



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 190 Therapeutic drug monitoring VI

Steimer / Borner

*- 2 samples à 3 mL serum (lyophilized) -*

31,00 € /Survey



Amiodarone

Desethylamiodarone

21,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 191 Therapeutic drug monitoring VII

Steimer / Borner

*- 2 samples à 3 mL serum (lyophilized) -*

31,00 € /Survey



Lamotrigine

Sulthiame

Levetiracetam

21,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 192 Therapeutic drug monitoring VIII

Steimer / Borner

*- 2 samples à 3 mL serum (lyophilized) -*

31,00 € /Survey



10-OH-Carbazepine

Carbamazepine-epoxide

N-Desmethylmethsuximid

21,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 199 TDM IX - Tricyclic antidepressants

Steimer / Borner

*- 2 samples à 5 mL serum (lyophilized) -*

45,00 € /Survey



Amitriptyline

Desipramine

Imipramine

Norclomipramine

30,00 € Add. set

Clomipramine

Doxepin

Nordoxepin

Nortriptyline



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 850 TDM X - Antiretrovirals

Kuschak / Kaiser

*- 2 samples, 1 - 1,5 ml, serum -*

95,00 € /Survey



Amprenavir

Efavirenz

Lopinavir

Raltegravir

Tipranavir

55,00 € Add. set

Atazanavir

Etravirine

Maraviroc

Ritonavir

Darunavir

Indinavir

Nevirapine

Saquinavir



	Febr. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	30.03.12	29.06.12	31.08.12
Shipment:	15.02.12	15.05.12	15.08.12	15.10.12
Deadline for receipt of data:	29.02.12	30.05.12	29.08.12	31.10.12

No. 602

TDM XII - Antifungals / Immunosuppressive drugs

Ceglarek / Kaiser

*- 2 samples serum/plasma -*

29,00 € /Survey



Mycophenol acid Itraconazol Hydroxyitraconazol

18,00 € Add. set



	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	21.03.12	08.11.12

No. 200

TDM XIII - Antipsychotic drugs

Steimer / Borner

*- 2 samples à 2 mL serum (lyophilized) -*

31,00 € /Survey



Clozapine Desmethylclozapine

21,00 € Add. set



	Jan. (1)	March (2)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	04.05.12	24.08.12
Shipment:	11.01.12	07.03.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	18.07.12	08.11.12

No. 181

Photometer controls

Reinauer / Kaiser

*- 2 samples potassium picrate solution -*

23,00 € /Survey



Wavelengths 334, 340, 365, 405 and 436 nm

13,00 € Add. set



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 860

Psychotherapeutic drugs I

Haen / Hiemke

*- 2 samples serum à 5 mL -*

46,00 € /Survey

10-OH-Carbacepine Citalopram O-Desmethylvenlafaxine Quetiapine
Aripiprazol Lamotrigine Perazine Venlafaxine

26,00 € Add. set



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 861

Psychotherapeutic drugs II

Haen / Hiemke

*- 2 samples serum à 5 mL -*

46,00 € /Survey

Amisulpride Mirtazapine Quetiapine
Escitalopram O-Desmethylvenlafaxine Venlafaxine


26,00 € Add. set



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 862 Psychotherapeutic drugs III

Haen / Hiemke

 - 2 samples serum à 5 mL -46,00 € /Survey
26,00 € Add. set

 Clozapine	Haloperidol	Risperidone
Desmethylclozapine	Olanzapine	9-OH-Risperidone / Paliperidone
Duloxetine	Quetiapine	Ziprasidone


31

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 863 Psychotherapeutic drugs IV

Haen / Hiemke

 - 2 samples serum à 5 mL -46,00 € /Survey
26,00 € Add. set

 Amitriptyline	Desipramine	Imipramine	Nordoxepine
Clomipramine	Desmethylclozapine	Maprotiline	Nortriptyline
Clozapine	Doxepine	Norclomipramine	Trimipramine

31

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 864 Psychotherapeutic drugs V

Haen / Hiemke

 - 2 samples serum à 5 mL -44,00 € /Survey
26,00 € Add. set


 Donepezil	Galantamine	Rivastigmin
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31

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 205 Trace elements I

Muche / Bühling

 - 2 samples à 10 mL (lyophilized urine) -77,00 € /Survey
52,00 € Add. set

 Aluminium	Chromium	Cadmium	Manganese	Selenium
Arsenic	Iron	Cobalt	Nickel	Zinc
Lead	Fluoride	Copper	Mercury (inorganic)	


31

	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	23.03.12	09.11.12

No. 206 Trace elements II

Muche / Bühling

 - 2 samples à 5 mL (lyophilized serum/plasma) -52,00 € /Survey
26,00 € Add. set
103,00 € 205 + 206
78,00 € Add. set

 Aluminium	Iron	Cadmium	Manganese	Selenium
Arsenic	Fluoride	Cobalt	Nickel	Zinc
Chromium	Gold	Copper	Platinum	


31

	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	23.03.12	09.11.12


No. 207

Trace elements III

Muche / Bühling

 - 2 samples à 5 mL (lyophilized serum/plasma) -

35,00 € /Survey
22,00 € Add. set

 Antimony Molybdenum Bismuth
Beryllium Vanadium Tin

	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	23.03.12	09.11.12


No. 208

Trace elements IV

Muche / Bühling

 - 2 samples whole blood -

35,00 € /Survey
24,00 € Add. set

 Antimony Chromium Manganese Selenium
Arsenic Cadmium Nickel Zinc
Lead Cobalt Mercury

	March (2)	Oct. (6)
Deadline of registration:	06.01.12	24.08.12
Shipment:	07.03.12	24.10.12
Deadline for receipt of data:	23.03.12	09.11.12


No. 120

Dry chemistry I: Reflotron system

Wood / Nauck

 - 2 samples serum, plasma (lyophilized) -

35,00 € /Survey*
21,00 € Add. set

 **Carrier bound reagents**

alpha-amylase	CK	GPT (ALT)	Potassium
AP	GGT	Uric acid	Creatinine
Bilirubin (total)	Glucose	Urea	Pancreas amylase
Cholesterol	GOT (AST)	HDL-cholesterol	Triglycerides

*Evaluation of up to 10 analytes
35,00 €

Evaluation of more than 10 analytes
41,00 €

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 118

Dry chemistry I: Ammonia - All methods (incl. Vitros)

Wood / Nauck

 - 2 samples aqueous solutions -

15,00 € /Survey
10,00 € Add. set

 Carrier bound reagents: Ammonia

	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 121 Dry chemistry I: Vitros systems

Wood / Nauck



- 2 samples serum, plasma (lyophilized) -

35,00 € /Survey*
21,00 € Add. set



Carrier bound reagents

Albumin	Chloride	GOT (AST)	LDH
alpha-amylase	Cholesterol	GPT (ALT)	Lipase
AP	CK	Uric acid	Lithium
Bilirubin, total	CK-MB	Urea	Magnesium
Bilirubin (conj./direct)	Iron	HDL-cholesterol	Sodium
Bilirubin (unconj./indir.)	Total Protein	Potassium	Phosphate
Calcium	GGT	Creatinine	Triglycerides
Cholinesterase	Glucose	Lactate	

*Evaluation of up to 10 analytes
35,00 €

Evaluation of more than 10 analytes
41,00 €



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 810 Dry chemistry II - POCT: Abaxis Piccolo system

Wood / Nauck



- 2 samples serum, lyophilized -

35,00 € /Survey*
21,00 € Add. set



Albumin	Cholesterol	Uric acid	LDL-cholesterol
Amylase	CK	Urea (BUN)	Magnesium
AP	Total protein	HDL-cholesterol	Sodium
Bilirubin (total)	GGT	Potassium	Phosphate
Bilirubin (direct)	Glucose	Creatinine	tCO2
Calcium	GOT (AST)	Lactate	Triglycerides
Chloride	GPT (ALT)	LDH	VLDL

*Evaluation of up to 8 analytes
35,00 €

Evaluation of 9-17 analytes
41,00 €

Evaluation of >17 analytes
45,00 €



	March (2)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	06.01.12	09.03.12	22.06.12	24.08.12
Shipment:	07.03.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	21.03.12	24.05.12	05.09.12	08.11.12

No. 800 Dry chemistry II: POCT Glucose

Nauck / Wood



- 2 samples plasma or whole blood -

27,00 € /Survey
16,00 € Add. set



Glucose

HemoCue- and Lifescan systems included! Shipping dates may vary due to sending unprocessed fresh whole blood.



	Jan. (1)	Febr. (2)	May (3)	July (4)	Aug. (5)	Nov. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	14.09.12
Shipment:	24.01.12	21.02.12	22.05.12	17.07.12	14.08.12	13.11.12
Deadline for receipt of data:	31.01.12	28.02.12	29.05.12	24.07.12	21.08.12	20.11.12

No. 802 Dry chemistry II: POCT Lactate

Luppa / Nauck



- 2 samples control solutions -

24,50 € /Survey
14,00 € Add. set



Lactate



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 421**Mycobacteriology I**

Rüsch-Gerdes / Richter

*- 6 microscopic slides - (Order of additional sets is not possible!)*

40,00 € /Survey



Detection of acid-fast bacilli



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	01.02.12	19.09.12
Deadline for receipt of data:	10.02.12	28.09.12

No. 422**Mycobacteriology II**

Rüsch-Gerdes / Richter

*- 5 sputum specimens - (Order of additional sets is not possible!)*

40,00 € /Survey



Detection of mycobacteria by culture and differentiation between TB and NTM



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	01.02.12	19.09.12
Deadline for receipt of data:	30.03.12	16.11.12

No. 425**Mycobacteriology V**

Rüsch-Gerdes / Richter

*- 5 suspensions of M. tuberculosis complex strains - (Order of additional sets is not possible!)*

30,00 € /Survey



Sensitivity testing



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	01.02.12	19.09.12
Deadline for receipt of data:	09.03.12	26.10.12

No. 423**Mycobacteriology III**

Rüsch-Gerdes / Richter

*- 5 suspensions of mycobacterial strains - (Order of additional sets is not possible!)*

32,00 € /Survey



Identification of mycobacteria; 5 cultures



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	01.02.12	19.09.12
Deadline for receipt of data:	09.03.12	26.10.12

No. 424**Mycobacteriology IV**

Roth / Höck

*- 5 sputum specimens - (Order of additional sets is not possible!)*

55,00 € /Survey*



Detection of tubercle-bacilli by nucleic-acid amplification (e.g. PCR)

* Mycobacteriology I + II

70,00 €

Mycobacteriology I + II + III + V

110,00 €

Mycobacteriology I - V

140,00 €

Mycobacteriology I + II + V

90,00 €

Mycobacteriology I - IV

135,00 €



	Feb. (1)	Sept. (5)
Deadline of registration:	09.12.11	20.07.12
Shipment:	01.02.12	19.09.12
Deadline for receipt of data:	10.02.12	28.09.12

No. 292**Tumormarkers**

Reinauer / Niederau

*- 2 samples serum -*50,00 € /Survey
37,00 € Add. set

AFP	CEA	PAP	Thyreoglobulin
CA 15-3	CYFRA 21-1	PSA (total)	TPA
Ca 19-9	hCG + β-hCG	PSA, frei	TPS
CA 72-4	β-HCG	PSA (compl.)	
CA 125	β 2-microglobulin	S100	
Calcitonin	NSE	SCC	



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 293**Tumormarkers - PSA + Testosterone**

Reinauer / Niederau

*- 2 samples serum -*28,00 € /Survey
18,00 € Add. set

PSA (total)	PSA (free)	PSA (compl.)	Testosterone (total)
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	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 171**Urine chemistry I (qualitative)**

Wood / Niederau

*- 2 samples urine (lyophilized/liquid) -*33,00 € /Survey
20,00 € Add. set

Ascorbic acid	Glucose	Microalbuminuria (Stix)	Specific gravity
Bilirubin	HCG (Stix)	Nitrite	Urobilinogen
Total Protein	Ketone bodies	pH	
Erythrocytes/Blood	Leucocytes	Sediment (see No. 172)	

No. 172 (incl.)**Sediment (pictures)****Costs for separate order of No. 172:**

10,00 € /Survey



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 173**Urine chemistry II (quantitative)**

Reinauer / Wood

*- 2 samples urine (lyophilized/liquid) -*39,00 € /Survey
18,00 € Add. set

alpha-amylase	Glucose	Creatinine	beta2-Microalbuminuria
Calcium	Uric acid	Copper	Sodium
Chloride	Urea	Magnesium	Osmolality
Iron	IgG	Microalbuminuria	Phosphate
Total Protein	Potassium	alpha1-Microalbuminuria	Transferrine



	Jan. (1)	March (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	06.01.12	09.03.12	04.05.12	22.06.12	24.08.12
Shipment:	11.01.12	07.03.12	09.05.12	04.07.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	21.03.12	24.05.12	18.07.12	05.09.12	08.11.12

No. 175 Urine chemistry III (biogenic amines)

Wood / Maly

*- 2 samples à 10 mL urine (lyophilized) -*

41,00 € /Survey



Epinephrine/Adrenalin	5-hydroxyindole acetic acid	Normetanephrine
Dopamine	Metanephrine	Serotonin
Homovanillic acid	Norepinephrine/Noradrenalin	Vanillylmandelic acid

21,00 € Add. set



	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	22.06.12	24.08.12
Shipment:	11.01.12	09.05.12	22.08.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	05.09.12	08.11.12

No. 178 Urine chemistry IV (porphyrins)

Wood / Maly

*- 2 samples à 10 mL urine (lyophilized) -*

29,00 € /Survey



Aminolaevulinic acid	Coproporphyrin-1	Pentaporphyrin	Uroporphyrin (total)
Heptaporphyrin	Coproporphyrin-3	Porphobilinogen	
Hexaporphyrin	Coproporphyrin (total)	Porphyrins (total)	

25,00 € Add. set



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

No. 179 Urine chemistry V (hormones)

Wood / Maly

*- 2 samples à 5 mL urine (lyophilized) -*

20,00 € /Survey



Aldosterone	Cortisol (free)	HCG
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15,00 € Add. set



	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

INFORMATION FOR VIRUS DIAGNOSTICS

The INSTAND EQA schemes in virology are performed in scientific cooperation with the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten (DVV), Gesellschaft für Virologie (GfV) and Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM). Cooperation partners are: Joint Diagnostic Commission of DVV and GfV, Robert Koch-Institut, Paul-Ehrlich-Institut, Friedrich-Loeffler-Institut, Bernhard-Nocht-Institut, Reference Laboratories incl. National and International Reference Centers and National Consiliary Laboratories, Blood Transfusion Service of German Red Cross (DRK-Blutspendedienst Ost), World Health Organization and International Consortium for Blood Safety.

The characterization of the EQA samples including the determination of the set points/consensus values is performed in cooperation with the INSTAND-target-value-laboratories (see INSTAND-homepage, www.instand-ev.de).

Information for 2012:

Special EQA program in accordance with the RKI-entero surveillance program: Virus detection - Enterovirus-PCR/cultivation and typing

This EQA program is performed every two years. The next EQA scheme is planned for 2014.

Enterovirus types are detected by polymerase chain reaction (PCR)/ nucleic acid amplification techniques (NAT) or virus cultivation with subsequent typing in accordance with the entero surveillance program of Robert Koch-Institute (RKI).

Please note: Specification of an enterovirus type is required in this EQA program!

No. 371 Virus genome detection - Adenoviruses

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophil. cell culture-lysates -*

163,00 € /Survey



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

152,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 365**Virus genome detection - Cytomegalovirus**

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophil. cell culture-lysates -*

163,00 € /Survey



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

152,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 372**Virus genome detection - Enteroviruses**

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophil. cell culture-lysates -*

163,00 € /Survey



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

152,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 374**Special EQA program in accordance with the RKI-entero surveillance**

Zeichhardt / Grunert

*- 1 set = 5 samples à 1,5 mL, suspension of feces -*

157,00 € /Survey



Enterovirus types are detected by polymerase chain reaction (PCR)/ nucleic acid amplification techniques (NAT) or virus cultivation with subsequent typing in accordance with the entero surveillance program of Robert Koch-Institute (RKI).

Add. sets not available

Please note: Specification of an enterovirus type is required in this EQA program!

This EQA scheme is performed in cooperation with the National Reference Center for Poliomyelitis and Enteroviruses, Regional Reference Laboratory of WHO/EURO for Poliomyelitis, Robert-Koch-Institute, Berlin.



	March (2)
Deadline of registration:	03.02.12
Shipment:	21.03.12
Deadline for receipt of data:	10.04.12

No. 376**Virus genome detection - Epstein Barr virus**

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophil. cell culture-lysates -*

170,00 € /Survey



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

159,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 377**Virus genome detection - Hepatitis A virus**

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophilized plasma -*

170,00 € /Survey



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

159,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 361 Virus genome detection - Hepatitis B virus

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophilized plasma -*

170,00 € /Survey



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

159,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 362 Virus genome detection - Hepatitis C virus

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophilized plasma -*

170,00 € /Survey



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

159,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 375 Virus genome detection - Hepatitis C virus genotyping

Zeichhardt / Grunert

*1 set = 5 samples à 1,0 mL, lyophilized plasma -*

226,00 € /Survey



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

214,00 € Add. set

This EQA scheme is performed in cooperation with the National Reference Centre for Hepatitis C Viruses, Universitätsklinikum Essen.



	Sept. (5)
Deadline of registration:	20.07.12
Shipment:	05.09.12
Deadline for receipt of data:	21.09.12

No. 363 Virus genome detection - Herpes simplex virus type 1 / type Zeichhardt / Grunert*- 2 sets of samples; 1 set = 6 samples à 1,0 mL, lyophil. cell culture-lysates -*

253,00 € /Survey



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

242,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 360 Virus genome detection - HIV-1 (RNA)

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophilized plasma -*

178,00 € /Survey



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

166,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 373**Virus genome detection - Human papillomaviruses**

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 5 samples à 1,0 mL, lyophil. cell culture-lysates and biopsy materials -*

184,00 € /Survey



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

172,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 370**Virus detection (genome/antigen) - Influenza A and B viruses incl. pandemic influenza A(H1N1) 2009 virus and avian influenza A(H5N1) virus**

Zeichhardt / Grunert

*- 1 set = 6 samples à 1,0 mL, lyophil. cell culture-lysates/allantoic fluids -***New price!**

200,00 € /Survey



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

190,00 € Add. set

Please note: These EQA samples are not suitable for virus propagation and immune fluorescence tests for antigen detection. Some of the samples can contain chemically inactivated pandemic influenza A(H1N1) 2009 virus or avian influenza A(H5N1) virus which cannot be propagated anymore.

This EQA scheme is performed in cooperation with the National Reference Centre for Influenza, Robert Koch-Institute, Berlin.



	March (2)	Nov. (6)
Deadline of registration:	03.02.12	28.09.12
Shipment:	21.03.12	14.11.12
Deadline for receipt of data:	10.04.12	30.11.12

No. 367**Virus genome detection - Parvovirus B19**

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophilized plasma -*

176,00 € /Survey



Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parvovirus B19 DNA

165,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 366**Virus genome detection - Varicella zoster virus**

Zeichhardt / Grunert

*- 2 sets of samples; 1 set = 4 samples à 1,0 mL, lyophil. cell culture-lysates -*

171,00 € /Survey



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

160,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 351**Virus immunology - Cytomegalovirus**

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum -*

61,50 € /Survey



Antibodies against cytomegalovirus (IgG and IgM)

35,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 350 Virus immunology - Dengueviruses

Zeichhardt / Grunert

*- 4 samples à 0,3 mL, serum -*

157,00 € /Survey



NS1 antigen and antibodies against dengueviruses (IgG and IgM)

138,00 € Add. set

This EQA scheme is performed in cooperation with the Bernhard-Nocht-Institute, Department of Virology, WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research, Hamburg.



	March (2)	Sept. (5)
Deadline of registration:	03.02.12	20.07.12
Shipment:	21.03.12	05.09.12
Deadline for receipt of data:	10.04.12	21.09.12

No. 352 Virus immunology - Epstein Barr virus

Zeichhardt / Grunert

*- 2 samples à 0,6 mL, serum -*

68,00 € /Survey



Antibodies against Epstein Barr virus and heterophilic antibodies

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 358 Virus immunology - Tick borne encephalitis (TBE) virus

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum -*

76,00 € /Survey



Antibodies against TBE virus (IgG and IgM)

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 355 Virus immunology - Hantaviruses

Zeichhardt / Grunert

*- 4 samples à 0,5 mL, serum -*

153,00 € /Survey



Antibodies against hantaviruses (IgG and IgM) and differentiation of serotype specific antibodies

134,00 € Add. set

This EQA scheme is performed in cooperation with the National Consiliary Laboratory for Hantaviruses, Charité Universitätsmedizin Berlin, Campus Mitte, Institut für Virologie, Berlin.



	March (2)	Sept. (5)
Deadline of registration:	03.02.12	20.07.12
Shipment:	21.03.12	05.09.12
Deadline for receipt of data:	10.04.12	21.09.12

No. 343 Virus immunology - Hepatitis A virus

Zeichhardt / Grunert

*- 4 samples à 0,5 mL, serum -*

62,00 € /Survey



Antibodies against hepatitis A virus (IgG and IgM)

59,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 344**Virus immunology - Hepatitis B virus progr. I**

Zeichhardt / Grunert

*- 12 samples serum -*

144,00 € /Survey

HBs antigen (1,0 mL) **anti-HBs (0,75 mL)** **anti-HBc (0,75 mL)** 4 samples each

137,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 345**Virus immunology - Hepatitis B virus progr. II**

Zeichhardt / Grunert

*- 6 samples à 0,5 mL, serum -*

73,00 € /Survey

**Anti-HBc-IgM** HBe-antigen **anti-HBe** (2 samples each)

67,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 346**Virus immunology - Hepatitis C virus**

Zeichhardt / Grunert

*- 4 samples à 0,5 mL, serum -*

84,00 € /Survey

**Antibodies against hepatitis C virus (HCV)** HCV antigen

59,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 347**Virus immunology - Hepatitis D virus**

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum and plasma, resp. -*

60,00 € /Survey



Antibodies against hepatitis D virus = anti-delta

42,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 348**Virus immunology - Hepatitis E virus**

Zeichhardt / Grunert

*- 2 samples à 0,4 mL, serum -*

76,00 € /Survey



Antibodies against hepatitis E virus (IgG and IgM)

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 354**Virus immunology - Herpes simplex viruses**

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum -*

76,00 € /Survey



Antibodies against HSV (IgG and IgM)

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 335 Virus immunology - HIV-1 / HIV-2

Zeichhardt / Grunert

*- 4 samples à 0,75 mL, serum -*

106,00 € /Survey

**Antibodies against HIV-1 and HIV-2 (human immunodeficiency virus type 1 and type 2)**

64,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 337 Virus immunology - HIV-1 p24 antigen

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum -*

76,00 € /Survey

**p24 core antigen of HIV-1 (human immunodeficiency virus type 1)**

41,00 € Add. set



	March (2)	June (4)	Sept. (5)	Nov. (6)
Deadline of registration:	03.02.12	27.04.12	20.07.12	28.09.12
Shipment:	21.03.12	13.06.12	05.09.12	14.11.12
Deadline for receipt of data:	10.04.12	29.06.12	21.09.12	30.11.12

No. 357 Virus immunology - Measles virus

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum -*

66,00 € /Survey

**Antibodies against measles virus (IgG and IgM)**

39,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 356 Virus immunology - Mumps virus

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum -*

67,00 € /Survey

**Antibodies against mumps virus (IgG and IgM)**

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 342 Virus immunology - Parvovirus B19

Zeichhardt / Grunert

*- 4 samples à 0,5 mL, serum and plasma, resp. -*

98,00 € /Survey

**Antibodies against parvovirus B19 (IgG and IgM)**

86,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 359 Virus immunology - Respiratory syncytial virus (antigen/genome)

Zeichhardt / Grunert

*- 2 samples à 1,0 mL, lyophil. cell culture-lysates -*

75,00 € /Survey

**Antigen and genome detection of respiratory syncytial virus**

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 341 Virus immunology - Rubella virus

Zeichhardt / Grunert

*- 2 samples à 0,8 mL, serum -*

60,00 € /Survey

**Antibodies against rubella virus (IgG and IgM)**

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 353 Virus immunology - Varicella zoster virus

Zeichhardt / Grunert

*- 2 samples à 0,5 mL, serum -*

68,00 € /Survey

**Antibodies against varicella zoster virus (IgG and IgM)**

41,00 € Add. set



	June (4)	Nov. (6)
Deadline of registration:	27.04.12	28.09.12
Shipment:	13.06.12	14.11.12
Deadline for receipt of data:	29.06.12	30.11.12

No. 290 Vitamins (serum)

Reinauer / Niederau

*- 2 samples à 5 mL serum (lyophilized) -*

39,00 € /Survey



1,25-OH-cholecalciferol	Retinol (vitamin A)
25-OH-cholecalciferol (vitamin D)	Riboflavine (vitamin B2)
Cobalamine (vitamin B12)	Tocopherol (vitamin E)
Folic acid	Thiamine (vitamin B1)
Pyridoxal-5-phosphate (vitamin B6)	

21,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 291 Vitamins (whole blood)

Reinauer / Niederau

*- 2 samples à 2 mL haemolysate (lyophilized) -*

30,00 € /Survey



Flavine adenine dinucleotide (FAD)	Riboflavin (free) [vitamin B2]
Flavine mononucleotide (FMN)	Thiamine in erys [vitamin B1]
Pyridoxal-5-phosphate (vitamin B6)	Thiamine pyrophosphate (TPP)

22,00 € Add. set



	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline of registration:	04.11.11	09.03.12	04.05.12	24.08.12
Shipment:	11.01.12	09.05.12	04.07.12	24.10.12
Deadline for receipt of data:	25.01.12	24.05.12	18.07.12	08.11.12

No. 651 Cellular immune defect diagnosis

Sack / Boldt

*- Heparin whole blood, not stabilized, overnight shipping (Order of additional sets is not possible!)*

150,00 € /Survey

**T-and B-cell subpopulations**

	May (3)	Oct. (6)
Deadline of registration:	09.03.12	24.08.12
Shipment:	09.05.12	24.10.12
Deadline for receipt of data:	24.05.12	08.11.12

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