

## Detaljerad metodlista - kemilaboratoriet Jönköping, laboratoriet Eksjö och laboratoriet Värnamo

### Metoder ackrediterade enligt SS-EN ISO 15189

Komponent / Undersökning	System	Metod / Mätprincip	Utrustning	Enhet	Nivå / Mätosäkerhet		Mätosäkerhetsgräns		Kemilaboratoriet Jönköping	Laboratoriet Eksjö	Laboratoriet Värnamo
					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
25-OH Vitamin D	Serum	Luminiscens	Architect i2000	nmol/L	20 / 7%	85 / 7%	10%	10%	X		
5-HIA	tU	Reversed Phase	HPLC	µmol/d	---	---	---	---	X		
5-HIA*	Urin	Reversed Phase	HPLC	µmol/L	20 / 6%	70 / 8%	8%	10%	X		
Adrenalin	tU	Reversed Phase	HPLC	nmol/d	---	---	---	---	X		
Adrenalin	Urin	Reversed Phase	HPLC	nmol/L	70/3%	270/3%	4%	4%	X		
AFP	Serum	Luminiscens	Architect i2000	kIE/L	7 / 3%	200 / 5%	4%	7%	X		
ALAT	Serum	Enzymatisk, enl IFCC	Cobas Pro	µkat/L	0,5 / 4%	2,5 / 4%	5%	5%	X	X	X
ALAT	Serum	Enzymatisk, enl IFCC	Cobas Pure	µkat/L	0,5 / 4%	2,5 / 4%	5%	5%		X	X
Albumin	Csv	Immunologisk turbidimetri	Cobas Pro	mg/L	200 / 5%	300 / 5%	7%	7%	X		
Albumin	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	25 / 3%	50 / 3%	4%	4%	X	X	X
Albumin	tU	Immunologisk turbidimetri	Cobas Pro	mg/d	---	---	---	---	X		
Albumin	Urin	Immunologisk turbidimetri	Cobas Pro	mg/L	20 / 7%	50 / 4%	9%	5%	X		
Albumin	Serum	Immunologisk turbidimetri	Cobas Pure	g/L	25 / 3%	50 / 3%	4%	4%		X	X
Albumin	tU	Nefelometri	Immage 800	mg/d	---	---	---	---	X		
Albumin	Urin	Nefelometri	Immage 800	mg/L	15 / 8%	50 / 10%	11%	13%	X		
alfa-1-Antitrypsin	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	0,8 / 8%	2 / 5%	11%	7%	X		
ALP	Serum	Enzymatisk, enl IFCC	Cobas Pro	µkat/L	0,5 / 4%	5 / 4%	5%	5%	X	X	X
ALP	Serum	Enzymatisk, enl IFCC	Cobas Pure	µkat/L	0,5 / 4%	5 / 4%	5%	5%		X	X
AMA (IgG) / SMA (IgG) / LKM (IgG)	Serum	IIF (Indirekt immunfluorescens)	Euroimmun	Negativ, Positiv eller Starkt positiv	Kvalitativ		---	---	X		
Amfetamin/Ecstasy (screening) **	Urin	KIMS	Cobas Pro	µg/L	370 / 6%	750 / 8%	8%	10%	X		
Amikacin	Serum	KIMS	Cobas Pro	mg/L	5 / 8%	30 / 8%	11%	11%	X		
Ammonium	Plasma	Enzymatisk	Cobas Pro	µmol/L	45 / 10%	100 / 4%	13%	5%	X		

Komponent / Undersökning	System	Metod / Mätprincip	Utrustning	Enhet	Nivå / Mätosäkerhet		Mätosäkerhets- gräns		Kemilabo- ratoriet Jönköping	Laborato- riet Eksjö	Laborato- riet Värnamo
					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
ANA (IgG)	Serum	IIF (Indirekt immunfluorescens)	Euroimmun	Negativ, Positiv eller Starkt positiv	Kvalitativ		---	---	X		
Antikroppar mot levespecifika antigen IgG S-Mitokondrie (M2)-ak S-Mitokondrie (BPO)-ak S-LKM1-ak S-SLA-ak/LP-ak S-LC1-ak S-gp210-ak S-sp100-ak	Serum	Lineblot	Euroblot One	Negativ, Positiv eller Starkt positiv	Semi- kvantitativt				X		
Antitrombin	Plasma	Fotometri	Sysmex CS-5100	kIE/L	0,45 / 10%	1,0 / 6%	13%	8%	X		
Antitrombin	Plasma	Fotometri	Sysmex CS-2500	kIE/L	0,45 / 10%	1,0 / 6%	13%	8%	X		
Apolipoprotein A1	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	1 / 5%	2 / 5%	7%	7%	X		
Apolipoprotein B	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	0,5 / 4%	1 / 4%	5%	5%	X		
APT-tid	Plasma	Klotttest	Sysmex CS-5100	s	30 / 3%	65 / 6,5%	4%	8%	X		
APT-tid	Plasma	Klotttest	Sysmex CS-2500	s	30 / 3%	65 / 6,5%	4%	8%	X	X	X
APT-tid	Plasma	Klotttest	Sysmex CN-3000	s	30 / 3%	65 / 6,5%	4%	8%		X	X
ASAT	Serum	Enzymatisk, enl IFCC	Cobas Pro	µkat/L	1 / 5%	4 / 5%	7%	7%	X	X	X
ASAT	Serum	Enzymatisk, enl IFCC	Cobas Pure	µkat/L	1 / 5%	4 / 5%	7%	7%		X	X
Basal utredning: spermiekoncentration	Spermaprov	Räkning / Neubauerkammare	Mikroskop	*10 <sup>6</sup> /mL	100 / 15%	---	20%	---	X		
Basal utredning: spermiemotilitet	Spermaprov	Bedömning enligt kriterier	Mikroskop	%	---	---	---	---	X		
Basal utredning: spermiemotilitet	Spermaprov	Räkning	Mikroskop	%	---	---	---	---	X		
Basofila granulocyter	Blod	Flödescytometri	Sysmex XN	*10 <sup>9</sup> /L	0,10 / 8%	0,30 / 6%	9%	7%	X	X	X
Basofila granulocyter	Blod	Flödescytometri	Sysmex XN-L	*10 <sup>9</sup> /L	0,10 / 8%	0,40 / 6%	9%	7%		X	X
Basöverskott	Blod	Beräknad	ABL90FlexPlus	mmol/L	---	---	---	---	X	X	X
β2-glykoprotein I-ak (IgG)	Serum	EiIA / FEiA	Phadia 250	U/mL	20 / 10%	60 / 10%	13%	13%	X		
Bensodiazepiner (screening)**	Urin	KIMS	Cobas Pro	µg/L	137 / 5%	330 / 5%	7%	7%	X		
Bilirubin	Plasma	Spektrofotometri	ABL90FlexPlus	µmol/L	300 / 1%	450 / 1%	2%	2%	X	X	X
Bilirubin	Serum	Vanadinoxidation	Cobas Pro	µmol/L	15 / 5%	100 / 5%	7%	7%	X	X	X
Bilirubin	Serum	Vanadinoxidation	Cobas Pure	µmol/L	15 / 5%	100 / 5%	7%	7%		X	X

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					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
Bilirubin, konj	Serum	Vanadinoxidation	Cobas Pro	µmol/L	7 / 6%	50 / 6%	8%	8%	X	X	X
Bilirubin, konj	Serum	Vanadinoxidation	Cobas Pure	µmol/L	7 / 6%	50 / 6%	8%	8%		X	X
Buprenorfin (screening)**	Urin	Enzymatiskimmunometod	Cobas Pro	µg/L	3,0 / 10%	6,0 / 7%	13%	9%	X		
CA 125	Serum	Luminiscens	Architect i2000	KE/L	40 / 5%	70 / 5%	7%	7%	X		
CA 15-3	Serum	Luminiscens	Architect i2000	KE/L	40 / 10%	250 / 10%	13%	13%	X		
CA 19-9	Serum	Luminiscens	Architect i2000	KE/L	40 / 10%	150 / 10%	13%	13%	X		
Calcium	tU	Cresolftaleinkomplex	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Calcium	tU	Cresolftaleinkomplex	Cobas Pure	mmol/d	---	---	---	---		X	X
Calcium	Serum	Cresolftaleinkomplex	Cobas Pro	mmol/L	2 / 2,5%	3,5 / 2,5%	3%	3%	X	X	X
Calcium	Serum	Cresolftaleinkomplex	Cobas Pure	mmol/L	2 / 2,5%	3,5 / 2,5%	3%	3%		X	X
Calcium	Urin	Cresolftaleinkomplex	Cobas Pro	mmol/L	1,7 / 4%	2,6 / 4%	5%	5%	X	X	X
Calcium	Urin	Cresolftaleinkomplex	Cobas Pure	mmol/L	1,7 / 4%	2,6 / 4%	5%	5%		X	X
Calciumjon, fri	Plasma / Serum	Jonselektiv	ABL90FlexPlus	mmol/L	0,8 / 2,0%	1,5 / 1,5%	3%	2%	X	X	X
Cannabis (screening)**	Urin	KIMS	Cobas Pro	µg/L	15 / 10%	30 / 8%	13%	10%	X		
Cannabis (verifiering)**	Urin	LC-MS/MS	LCMS1	µg/L	5,5 / 8% 16,5 / 6%	135 / 6%	10% 8%	8%	X		
CCP-ak (IgG)	Serum	CMIA	Architect i2000	E/mL	neg	25 / 7%	---	10%	X		
CDT, disialo	Serum	Kapillärelektrofores	Capillarys 3 TERA	%	1,5 / 5%	5 / 3%	7%	4%	X		
CEA	Serum	Luminiscens	Architect i2000	µg/L	4 / 7%	40 / 6%	10%	8%	X		
Celler	Blod	Ljusbildmikroskopi	Mikroskop	*10 <sup>9</sup> /L	---	---	---	---	X	X	X
Celler	Blod	Digital bildöverföring	Cellavision	*10 <sup>9</sup> /L	---	---	---	---	X	X	X
Ceruloplasmin	Serum	Nefelometri	Image 800	g/L	0,2 / 5%	0,5 / 5%	7%	7%	X		
CK (Kreatininkinas)	Serum	Enzymatisk, enl IFCC	Cobas Pro	µkat/L	1,5 / 4%	10 / 4%	5%	5%	X	X	X
CK (Kreatininkinas)	Serum	Enzymatisk, enl IFCC	Cobas Pure	µkat/L	1,5 / 4%	10 / 4%	5%	5%		X	X
CRP	Plasma / Serum	Immunologisk turbidimetri	Cobas Pro	mg/L	10 / 4%	50 / 4%	5%	5%	X	X	X
CRP	Plasma	Immunkemisk	Afinion 2	mg/L	20 / 8 %	60 / 7 %	10%	9%	X	X	X
CRP	Plasma / Serum	Immunologisk turbidimetri	Cobas Pure	mg/L	10 / 4%	50 / 4%	5%	5%		X	X
Cyklosporin	Blod	Luminiscens	Architect i2000	µg/L	90 / 10%	400 / 10%	13%	13%	X		
Cystatin C	Serum	Immunkemisk	Cobas Pro	mg/L	1,0 / 4%	3 / 4%	5%	5%	X	X	X
Cystatin C	Serum	Immunkemisk	Cobas Pure	mg/L	1,0 / 4%	3 / 4%	5%	5%		X	X
Deamiderad gliadin-peptid-ak (IgG)	Serum	EiA	Phadia 250	U/mL	30 / 10%	50 / 10%	13%	13%	X		
Digoxin	Serum	ECLIA	Cobas e602	nmol/L	1 / 8%	5 / 5%	10%	7%	X		
dsDNA (IgG)	Serum	ELIA/FEIA	Phadia 250	IU/mL	20 / 10%	70 / 10%	13%	13%	X		
dsDNA (IgG)	Serum	IIF (Indirekt immunfluorescens)	Euroimmun	Titer	Semi-kvantitativ		---	---	X		
ENA screening	Serum	EIA	Phadia 250	---	Kvalitativ		---	---	X		

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					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
ENA screening S-SS-A-ak Ro-60 S-SS-A-ak Ro-52 S-SS-B-ak S-Centromer-ak S-Jo- I -ak S-Scl-70-ak S-Sm-ak S-Sm-ak+UI snRNP-ak	Serum	Lineblot	Euroblot One	Negativt, Positivt, Stark positiv	Semi- kvantitativ				X		
Eosinofila granulocyter	Blod	Flödscytometri	Sysmex XN	*10 <sup>9</sup> /L	0,30 / 10%	0,70 / 10%	12%	11%	X	X	X
Eosinofila granulocyter	Blod	Flödscytometri	Sysmex XN-L	*10 <sup>9</sup> /L	0,30 / 10%	0,90 / 10%	12%	11%		X	X
Erythrocyter	Blod	Impedans	Sysmex XN	*10 <sup>12</sup> /L	2,30 / 1,6%	4,40 / 1,6%	2%	2%	X	X	X
Erythrocyter	Blod	Impedans	Sysmex XN-L	*10 <sup>12</sup> /L	2,30 / 1,6%	4,40 / 1,6%	2%	2%		X	X
Etanol	Plasma	GC	Trace GC 1310	mmol/L	10 / 5%	30 / 4%	7%	5%	X		
Etanol	Plasma	Enzymatisk	Cobas Pro	mmol/L	5 / 8%	40 / 8%	10%	7%	X	X	X
Etosuximid	Serum	Reversed Phase	HPLC	µmol/L	330 / 7% 685 / 6%	835 / 6%	9% 8%	8%	X		
EVF	Blod	Impedans	Sysmex XN	---	0,20 / 3%	0,40 / 2,5%	3%	3%	X	X	X
EVF	Blod	Impedans	Sysmex XN-L	---	0,20 / 3%	0,40 / 2,5%	3%	3%		X	X
Fenobarbital	Serum	Reversed Phase	HPLC	µmol/L	42 / 3% 170 / 3%	210 / 3%	4% 4%	3%	X		
S-Jo1 IgG	Serum	EiIA	Phadia 250	U/mL	40 / 10%	---	13%	---	X		
S-Scl70 IgG	Serum	EiIA	Phadia 250	U/mL	40 / 10%	---	13%	---	X		
Fenytoin	Serum	KIMS	Cobas Pro	µmol/L	20 / 7%	70 / 7%	9%	9%	X		
Ferritin	Serum	Luminiscens	Architect i2000	µg/L	100 / 5%	700 / 5%	7%	7%	X		
Fibrinogen	Plasma	Klottest	Sysmex CS-5100	g/L	1,2 / 7%	2,5 / 7%	9%	9%	X		
Fibrinogen	Plasma	Klottest	Sysmex CS-2500	g/L	1,2 / 7%	2,5 / 7%	9%	9%	X	X	X
Fibrinogen	Plasma	Klottest	Sysmex CN-3000	g/L	1,2 / 7%	2,5 / 7%	9%	9%		X	X
Folat	Serum	Luminiscens	Architect i2000	nmol/L	8 / 14%	30 / 10%	19%	13%	X		
Fosfat	Serum	Molybdat komplex	Cobas Pro	mmol/L	1 / 3%	2 / 3%	5%	5%	X	X	X
Fosfat	Serum	Molybdat komplex	Cobas Pure	mmol/L	1 / 3%	2 / 3%	5%	5%		X	X
Fosfat	tU	Molybdat komplex	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Fosfat	tU	Molybdat komplex	Cobas Pure	mmol/d	---	---	---	---		X	X
Fosfat	Urin	Molybdat komplex	Cobas Pro	mmol/L	9 / 6%	17 / 4%	8%	5%	X	X	X
FSH (Follitropin)	Serum	Luminiscens	Architect i2000	IE/L	5 / 4%	20 / 4%	6%	6%	X		
GBM-ak (IgG)	Serum	EiIA	Phadia 250	U/mL	20 / 15%	170 / 15%	19%	19%	X		
Fosfat	Urin	Molybdat komplex	Cobas Pure	mmol/L	9 / 6%	17 / 4%	8%	5%		X	X

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					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
Glukos	Plasma	Enzymatisk, glukosdehydrogenas	Cobas Pro	mmol/L	5 / 2,5%	15 / 3 %	4%	4%	X	X	X
Glukos	Plasma	Enzymatisk, glukosdehydrogenas	HemoCue Glucose 201 DM RT	mmol/L	2,9 / 4%	6,2 / 4%	5%	5%		X	X
Glukos	Plasma	Amperometri	ABL90FlexPlus	mmol/L	7 / 3%	15 / 2%	4%	3%	X	X	X
Glukos	Plasma	Enzymatisk, glukosdehydrogenas	Cobas Pure	mmol/L	5 / 2,5%	15 / 3 %	4%	4%		X	X
GT	Serum	Enzymatisk, enl IFCC	Cobas Pro	µkat/L	1,0 / 6%	2,5 / 6%	8%	8%	X	X	X
GT	Serum	Enzymatisk, enl IFCC	Cobas Pure	µkat/L	1,0 / 6%	2,5 / 6%	8%	8%		X	X
Haptoglobin	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	0,5 / 3%	2 / 3%	4%	4%	X		
Hb (Hemoglobin)	Blod	Spektrofotometri	ABL90FlexPlus	g/L	129 / 1,4%	193 / 1,4%	2%	2%	X	X	X
Hb (Hemoglobin)	Blod	Fotometri	Sysmex XN	g/L	60 / 1,4%	120 / 1,4%	2%	2%	X	X	X
Hb (Hemoglobin)	Blod	Fotometri	Sysmex XN-L	g/L	60 / 1,4%	120 / 1,4%	2%	2%		X	X
HbA1c	Blod	Boronat-affinitet	Afinion 2	mmol/mol	42 / 3%	65 / 3%	4%	4%	X		
HbA1c	Blod	Jonbytes-kromatografi	TOSOH G11	mmol/mol	40 / 1,5%	60 / 1,5%	2%	2%	X		
hCG+betakedja	Serum	ECLIA	Cobas e602	IU/L	5 / 6%	400 / 5%	8%	7%	X		
hCG+betakedja	Serum	ECLIA	Cobas e411	IU/L	5 / 6%	400 / 5%	8%	7%		X	
hCG fri betakedja	Serum	Immunoflorescens	Kryptor	IU/L	8 / 4%	90 / 4%	5%	5%	X		
HDL-Kolesterol	Serum	Homogen enzymatisk	Cobas Pro	mmol/L	1 / 4 %	1,5 / 4 %	5%	5%	X	X	X
HDL-Kolesterol	Serum	Homogen enzymatisk	Cobas Pure	mmol/L	1 / 4 %	1,5 / 4 %	5%	5%		X	X
Heparin, LM (antiFXa)	Plasma	Fotometri	Sysmex CS-5100	kIE/L	0,40 / 6,5%	0,95 / 4%	8%	5%	X		
Heparin, LM (antiFXa)	Plasma	Fotometri	Sysmex CS-2500	kIE/L	0,40 / 6,5%	0,95 / 4%	8%	5%	X		
Homocystein	Plasma	Enzymatisk	Cobas Pro	µmol/L	13 / 4%	18 / 4%	5%	5%	X		
Immunglobulin A	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	1 / 3%	4 / 3%	4%	4%	X		
<b>Immunglobulin E, allergenspecifikt:</b>											
- äggvita-ak (f1)	Serum	EiA / FEIA	Phadia 250	kU/mL	1,5 / 10 %	---	13%	---	X		
- komjölk-ak (f2)	Serum	EiA / FEIA	Phadia 250	kU/mL	5,2 / 10 %	---	13%	---	X		
- jordnöt-ak (f13)	Serum	EiA / FEIA	Phadia 250	kU/mL	4,1 / 10%	---	13%	---	X		
- kattmjäll-ak (e1)	Serum	EiA / FEIA	Phadia 250	kU/mL	13,5 / 10%	---	13%	---	X		
- hundmjäll-ak (e5)	Serum	EiA / FEIA	Phadia 250	kU/mL	41,5 / 15%	---	19%	---	X		
- timotejpollen-ak (g6)	Serum	EiA / FEIA	Phadia 250	kU/mL	11,5 / 10%	---	13%	---	X		
- björkpollen-ak (t3)	Serum	EiA / FEIA	Phadia 250	kU/mL	5,5 / 10%	---	13%	---	X		
- gråbopollen-ak (w6)	Serum	EiA / FEIA	Phadia 250	kU/mL	4,0 / 10%	---	13%	---	X		
- <i>D. pteronyssinus</i> -ak (d1)	Serum	EiA / FEIA	Phadia 250	kU/mL	15,5 / 10%	---	13%	---	X		
- <i>D. farinae</i> -ak (d2)	Serum	EiA / FEIA	Phadia 250	kU/mL	21 / 10%	---	13%	---	X		

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					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
Immunglobulin G	Csv	Immunologisk turbidimetri	Cobas Pro	mg/L	450 / 5%	---	7%	---	X		
Immunglobulin G	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	5 / 3%	15 / 3%	4%	4%	X		
Immunglobulin M	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	0,5 / 4%	2 / 4,5%	5%	5%	X		
Immunglobulin M	Serum	Nefelometri	Immagine 800	g/L	0,5 / 4%	2 / 4,5%	6%	6%	X		
Influensa	Aspirat / Naso- pharynxsekret	Realtids-PCR	GeneXpert	---	---	---	---	---	X	X	X
Iohexol	Serum	Reversed Phase	HPLC	µg/mL	24 / 3%	100 / 3%	4%	4%	X		
Järn	Serum	Ferrozin	Cobas Pro	µmol/L	5 / 4 %	40 / 4 %	5%	5%	X	X	X
Järn	Serum	Ferrozin	Cobas Pure	µmol/L	5 / 4 %	40 / 4 %	5%	5%		X	X
Kalium	Serum	ISE	Cobas Pro	mmol/L	4 / 1,5 %	6,0 / 1,5 %	2%	2%	X	X	X
Kalium	Serum	ISE	Cobas Pure	mmol/L	4 / 1,5 %	6,0 / 1,5 %	2%	2%		X	X
Kalium	tU	ISE	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Kalium	tU	ISE	Cobas Pure	mmol/d	---	---	---	---		X	X
Kalium	Urin	ISE	Cobas Pro	mmol/L	30 / 3%	70 / 3%	4%	4%	X	X	X
Kalium	Urin	ISE	Cobas Pure	mmol/L	30 / 3%	70 / 3%	4%	4%		X	X
Kalium	Plasma	Potentiometri	ABL90FlexPlus	mmol/L	1,8 / 3%	3,8 / 2%	4%	3%	X	X	X
Karbamazepin	Serum	KIMS	Cobas Pro	µmol/L	20 / 6%	63 / 6%	8%	8%	X		
Kardioplipin-ak (IgG)	Serum	EliA / FEIA	Phadia 250	GPL-U/mL	20 / 10%	40 / 10%	13%	13%	X		
Klorid	tU	ISE	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Klorid	tU	ISE	Cobas Pure	mmol/d	---	---	---	---		X	X
Klorid	Serum	ISE	Cobas Pro	mmol/L	100 / 1,5%	130 / 1,5%	2%	2%	X	X	X
Klorid	Serum	ISE	Cobas Pure	mmol/L	100 / 1,5%	130 / 1,5%	2%	2%		X	X
Klorid	Plasma	Potentiometri	ABL90FlexPlus	mmol/L	103 / 1,4%	120 / 1,0%	2%	2%	X	X	X
Klorid	Urin	ISE	Cobas Pro	mmol/L	100 / 3,0 %	200 / 3,0 %	4%	4%	X	X	X
Klorid	Urin	ISE	Cobas Pure	mmol/L	100 / 3,0 %	200 / 3,0 %	4%	4%		X	X
Kobalamin	Serum	Luminiscens	Architect i2000	pmol/L	300 / 7%	400 / 6%	10%	8%	X		
Kokain (screening)**	Urin	KIMS	Cobas Pro	µg/L	110 / 5%	210 / 5%	7%	7%	X		
Kolesterol	Serum	Enzymatisk	Cobas Pro	mmol/L	3,5 / 3%	6 / 3%	4%	4%	X	X	X
Kolesterol	Serum	Enzymatisk	Cobas Pure	mmol/L	3,5 / 3%	6 / 3%	4%	4%		X	X
Komplement C3	Plasma	Nefelometri	Immagine 800	g/L	0,6 / 5%	2,5 / 5%	7%	7%	X		
Komplement C4	Plasma	Nefelometri	Immagine 800	g/L	0,1 / 4%	0,5 / 5%	6%	7%	X		
Kortisol	Serum	Luminiscens	Architect i2000	nmol/L	250 / 4%	500 / 5%	6%	7%	X		
Kreatinin	Serum	Enzymatisk	Cobas Pro	µmol/L	85 / 3%	500 / 3%	4%	4%	X	X	X
Kreatinin	Serum	Enzymatisk	Cobas Pure	µmol/L	85 / 3%	500 / 3%	4%	4%		X	X
Kreatinin	tU	Enzymatisk	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Kreatinin	tU	Enzymatisk	Cobas Pure	mmol/d	---	---	---	---		X	X

Komponent / Undersökning	System	Metod / Mätprincip	Utrustning	Enhet	Nivå / Mätosäkerhet		Mätosäkerhets- gräns		Kemilabo- ratoriet Jönköping	Laborato- riet Eksjö	Laborato- riet Värnamo
					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
Kreatinin	Urin	Enzymatisk	Cobas Pro	mmol/L	5 / 4%	12 / 4%	5%	5%	X	X	X
Kreatinin	Urin	Enzymatisk	Cobas Pure	mmol/L	5 / 4%	12 / 4%	5%	5%		X	X
Laktat	Plasma / Csv	Amperometri	ABL90FlexPlus	mmol/L	3,5 / 4%	7,5 / 3%	5%	4%	X	X	X
Lamotrigin	Serum	Reversed Phase	HPLC	µmol/L	6 / 5% 11 / 3%	40 / 3% 55 / 3%	7% 4%	4% 4%	X		
LD	Serum	Enzymatisk, enl IFCC	Cobas Pro	µkat/L	3 / 3%	8 / 3%	4%	4%	X	X	X
LD	Serum	Enzymatisk, enl IFCC	Cobas Pure	µkat/L	3 / 3%	8 / 3%	4%	4%		X	X
LDL-Kolesterol	Serum	Enzymatisk	Cobas Pro	mmol/L	2 / 4%	5 / 4%	5%	5%	X	X	X
LDL-Kolesterol	Serum	Enzymatisk	Cobas Pure	mmol/L	2 / 4%	5 / 4%	5%	5%		X	X
LeucoCount	Komponent- kontroll	Flödescytometri	FacsLyric	Celler/uL	50 / 15%	---	20%	---	X		
Leukocyter	Blod	Flödescytometri	Sysmex XN	*10 <sup>9</sup> /L	3,0 / 4%	7,0 / 3%	5%	4%	X	X	X
Leukocyter	Blod	Flödescytometri	Sysmex XN-L	*10 <sup>9</sup> /L	2,5 / 4%	7,0 / 3%	5%	4%		X	X
LH (Lutropin)	Serum	Luminiscens	Architect i2000	IE/L	4 / 5%	20 / 5%	7%	7%	X		
Litium	Serum	Kolorimetrisk	Cobas Pro	mmol/L	0,5 / 4%	2 / 5%	5%	7%	X		
Lymfocyter	Blod	Flödescytometri	Sysmex XN	*10 <sup>9</sup> /L	1,00 / 5,1%	2,00 / 4%	7%	6%	X	X	X
Lymfocyter	Blod	Flödescytometri	Sysmex XN-L	*10 <sup>9</sup> /L	0,70 / 5,1%	1,70 / 4%	7%	6%		X	X
Lymfocytkvantifiering	Blod	Flödescytometri	FacsLyric	Lymfocyter: *10 <sup>9</sup> /L. Övriga: Celler/µL samt %	Framgår av validerings- plan		---	---	X		
Magnesium	Serum	Xylidyl	Cobas Pro	mmol/L	1,0 / 4%	1,5 / 4%	5%	5%	X	X	X
Magnesium	Serum	Xylidyl	Cobas Pure	mmol/L	1,0 / 4%	1,5 / 4%	5%	5%		X	X
MCH	Blod	Beräknad	Sysmex XN	pg	26 / 1,5%	28 / 1,5%	2%	2%	X	X	X
MCH	Blod	Beräknad	Sysmex XN-L	pg	26 / 1,5%	28 / 1,5%	2%	2%		X	X
MCV	Blod	Beräknad	Sysmex XN	fL	75 / 1,5%	80 / 1,5%	2%	2%	X	X	X
MCV	Blod	Beräknad	Sysmex XN-L	fL	75 / 1,5%	80 / 1,5%	2%	2%		X	X
Metadon (EDDP) (screening)**	Urin	Enzymatiskimmunometod	Cobas Pro	µg/L	75 / 4%	125 / 4%	9%	9%	X		
Metanol	Plasma	GC	Trace GC 1310	mmol/L	3 / 7%	24 / 5%	9%	7%	X		
Metoxiadrenalin	tU	Reversed Phase	HPLC	µmol/d	---	---	---	---	X		
Metoxiadrenalin*	Urin	Reversed Phase	HPLC	µmol/L	0,85 / 3%	1,80 / 3%	4%	4%	X		
Metoxinoradrenalin*	Urin	Reversed Phase	HPLC	µmol/L	1,50 / 3%	5,0 / 3%	4%	4%	X		
Metoxinoradrenalin	tU	Reversed Phase	HPLC	µmol/d	---	---	---	---	X		
Metylmalonat	Serum	LC-MS/MS	LCMS1	µmol/L	0,20 / 5%	0,40 / 5%	7%	7%	X		
M-komponent	Serum / Urin	Elektrofores + Immunofixation	Hydrasys 2	---	---	---	---	---	X		

Komponent / Undersökning	System	Metod / Mätprincip	Utrustning	Enhet	Nivå / Mätosäkerhet		Mätosäkerhets- gräns		Kemilabo- ratoriet Jönköping	Laborato- riet Eksjö	Laborato- riet Värnamo
					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
Monocyter	Blod	Flödscytometri	Sysmex XN	*10 <sup>9</sup> /L	0,50 / 11%	0,90 / 10%	14%	13%	X	X	X
Monocyter	Blod	Flödscytometri	Sysmex XN-L	*10 <sup>9</sup> /L	0,20 / 11%	0,60 / 10%	14%	13%		X	X
MPO-ANCA-ak (IgG)	Serum	EiIA	Phadia 250	IU/mL	5 / 15%	25 / 15%	19%	19%	X		
Myoglobin	Plasma	ECLIA	Cobas e602	µg/L	30 / 5%	350 / 3%	7%	4%	X		
Natrium	Serum	ISE	Cobas Pro	mmol/L	100 / 1,5%	150 / 1,5%	2%	2%	X	X	X
Natrium	Serum	ISE	Cobas Pure	mmol/L	100 / 1,5%	150 / 1,5%	2%	2%		X	X
Natrium	tU	ISE	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Natrium	tU	ISE	Cobas Pure	mmol/d	---	---	---	---		X	X
Natrium	Urin	ISE	Cobas Pro	mmol/L	80 / 3%	170 / 3%	4%	4%	X	X	X
Natrium	Urin	ISE	Cobas Pure	mmol/L	80 / 3%	170 / 3%	4%	4%		X	X
Natrium	Plasma	Potentiometri	ABL90FlexPlus	mmol/L	137 / 1%	172 / 1%	2%	2%	X	X	X
Natrium/Kalium-kvot	Urin	Beräknad	Cobas Pro	---	---	---	---	---	X	X	X
Natrium/Kalium-kvot	Urin	Beräknad	Cobas Pure	---	---	---	---	---		X	X
Neutrofila granulocyter	Blod	Flödscytometri	Sysmex XN	*10 <sup>9</sup> /L	1,20 / 5%	3,00 / 4%	7%	6%	X	X	X
Neutrofila granulocyter	Blod	Flödscytometri	Sysmex XN-L	*10 <sup>9</sup> /L	1,10 / 5%	3,30 / 4%	7%	6%		X	X
Noradrenalin	tU	Reversed Phase	HPLC	nmol/d	---	---	---	---	X		
Noradrenalin	Urin	Reversed Phase	HPLC	nmol/L	330/3%	1130/3%	4%	4%	X		
NSE	Serum	ECLIA	Cobas e602	µg/L	10/ 5%	100/ 5%	7%	7%	X		
Norovirus	Faeces / Kräkning	Realtids-PCR	GeneXpert	---	---	---	---	---	X	X	X
NT-proBNP	Plasma	ECLIA	Cobas e602	ng/L	100 / 7%	2500 / 6%	9%	8%	X		
NT-proBNP	Plasma	ECLIA	Cobas e411	ng/L	100 / 7%	2500 / 6%	9%	8%		X	X
Opiater (screening)**	Urin	KIMS	Cobas Pro	µg/L	210 / 5%	410 / 5%	7%	7%	X		
Orosomukoid	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	0,5 / 3,5%	1 / 4%	5%	6%	X		
Osmolalitet	Serum / Urin	Fryspunktssänkning	Single-Sample Micro-Osmometer Osmo1	mosmol/ kg	310 / 1,5%	815 / 1,5%	2%	2%	X	X	X
Oxygenmättnad	Blod - arteriellt	Spektrofotometri	ABL90FlexPlus	%	70 / <1%	97 / <1%	1%	1%	X	X	X
Pankreasamylas	Serum	Enzymatisk	Cobas Pro	µkat/L	0,5 / 3 %	3,5 / 3 %	4%	4%	X	X	X
Pankreasamylas	Serum	Enzymatisk	Cobas Pure	µkat/L	0,5 / 3 %	3,5 / 3 %	4%	4%		X	X
PAPP-A	Serum	Immunoflorescens	Kryptor	IU/L	0,3 / 4%	4 / 4%	5%	5%	X		
Paracetamol	Serum	Enzymatisk	Cobas Pro	µmol/L	100 / 6%	1000 / 5%	8%	7%	X	X	X
Paratyryn (PTH)	Plasma	ECLIA	Cobas e602	pmol/L	2,5 / 8%	10 / 8%	10%	10%	X		
Paratyryn (PTH)	Plasma	ECLIA	Cobas e411	pmol/L	2,5 / 8%	10 / 8%	10%	10%		X	X
pCO <sub>2</sub>	Blod - arteriellt	Potentiometri	ABL90FlexPlus	kPa	2,7 / 5,5%	9,0 / 3,5%	7%	5%	X	X	X
PEth	Blod	LC-MS/MS	LCMS1	µmol/L	0,75 / 10%	0,70 / 10%	13%	13%	X		

Komponent / Undersökning	System	Metod / Mätprincip	Utrustning	Enhet	Nivå / Mätosäkerhet		Mätosäkerhets- gräns		Kemilabo- ratoriet Jönköping	Laborato- riet Eksjö	Laborato- riet Värnamo
					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
pH	Blod	Potentiometri	ABL90FlexPlus	---	7,2 / <1%	7,5 / <1%	1%	1%	X	X	X
PK	Plasma	Klotttest	Sysmex CS-5100	---	1,0 / 3,5%	2,5 / 4%	5%	5%	X		
PK	Plasma	Klotttest	Sysmex CS-2500	---	1,0 / 3,5%	2,5 / 4%	5%	5%	X	X	X
PK	Plasma	Klotttest	Sysmex CN-3000	---	1,0 / 3,5%	2,5 / 4%	5%	5%		X	X
PlasmaCount	Komponent- kontroll	Flödescytometri	FacsLyric	Celler/uL	23 / 20%	---	25%	---	X		
pO <sub>2</sub>	Blod - arteriellt	Optisk	ABL90FlexPlus	kPa	2,3 / 12,5%	24,8 / 1,5%	14%	3%	X	X	X
PR3-ANCA-ak (IgG)	Serum	EliA	Phadia 250	IU/mL	6 / 15%	20 / 15%	19%	19%	X		
Progesteron	Serum	Luminiscens	Architect i2000	nmol/L	3 / 6%	30 / 6%	8%	8%	X		
Prolaktin	Serum	ECLIA	Cobas e602	mU/L	200 / 4%	900 / 4%	5%	5%	X		
Proteinfraction	Serum / Urin	Elektrofores	Hydrasys 2	---	---	---	---	---	X		
Proteinfraction	Csv	Isoelektrisk fokusering	Hydrasys 2	---	---	---	---	---	X		
PSA	Serum	Luminiscens	Architect i2000	µg/L	4 / 5%	20 / 5%	7%	7%	X		
RDW-CV	Blod	Beräknad	Sysmex XN	%	17 / 1,8%	16 / 1,8%	2,5%	2,5%	X	X	X
RDW-CV	Blod	Beräknad	Sysmex XN-L	%	17 / 1,8%	16 / 1,8%	2,5%	2,5%		X	X
S-Reumatoid faktor IgM	Serum	EliA	Phadia 250	IU/mL	10 / 10%	40 / 10 %	13,0%	13,0%	x		
RS-virus	Aspirat / Naso- pharynxsekret	Realtids-PCR	GeneXpert	---	---	---	---	---	X	X	X
Paracetamol	Serum	Enzymatisk	Cobas Pure	µmol/L	100 / 6%	1000 / 3%	8%	4%		X	X
Salicylat	Serum	Enzymatisk	Cobas Pro	mmol/L	0,5 / 5%	1 / 5%	7%	7%	X		
SARS-CoV-2	Aspirat / Naso- pharynxsekret	Realtids-PCR	GeneXpert	---	---	---	---	---	X	X	X
SHBG	Serum	Luminiscens	Architect i2000	nmol/L	50 / 6%	100 / 7%	8%	10%	X		
Sm-ak IgG	Serum	EliA	Phadia 250	U/mL	---	150 / 10 %	---	13%			
Spermaanalys efter vasektomi	Spermaprov	Räkning	Mikroskop	antal/ synfält, %	---	---	---	---	X		
Spermiemorfologi	Spermaprov	Infärgning / utstryck bedömning	Mikroskop	Teratoo- zoindex	---	---	---	---	X		
Spermiereparation inför insemination	Spermaprov	Preparation med densitetsgradienter	Mikroskop	%	---	---	---	---	X		
Standardbikarbonat	Blod	Beräknad	ABL90FlexPlus	mmol/L	---	---	---	---	X	X	X
T3, fritt	Serum	Luminiscens	Architect i2000	pmol/L	4 / 5%	11 / 5%	7%	7%	X		
T4, fritt	Serum	Luminiscens	Architect i2000	pmol/L	14 / 6%	25 / 6%	8%	8%	X		

Komponent / Undersökning	System	Metod / Mätprincip	Utrustning	Enhet	Nivå / Mätosäkerhet		Mätosäkerhetsgräns		Kemilaboratoriet Jönköping	Laboratoriet Eksjö	Laboratoriet Värnamo
					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
Takrolimus	Blod	Luminiscens	Architect i2000	µg/L	4 / 6%	10 / 7%	8%	9%	X		
Teofyllin	Serum	KIMS	Cobas Pro	µmol/L	50 / 6%	150 / 6%	8%	8%	X		
Testosteron	Serum	Luminiscens	Architect i2000	nmol/L	2 / 7%	20 / 5%	10%	7%	X		
Testosteron/SHBG-kvot	Serum	Beräknad	---	---	---	---	---	---	X		
Tobramycin	Serum	Enzymatisk	Cobas Pro	mg/L	5 / 10%	5 / 10%	12%	12%	X		
TPO-ak	Serum	Luminiscens	Architect i2000	kIE/L	neg	80 / 10%	---	13%	X		
TRAK	Serum	ECLIA	Cobas e602	IE/L	4 / 7%	16 / 7%	9%	9%	X		
Tramadol (screening)**	Urin	Enzymatiskimmunometod ARK-Tramadol	Cobas Pro	µg/L	80 / 4%	120 / 4%	5%	5%	X		
Transferrin	Serum	Immunologisk turbidimetri	Cobas Pro	g/L	2 / 5%	3,5 / 5%	7%	7%	X	X	X
Transferrin	Serum	Immunologisk turbidimetri	Cobas Pure	g/L	2 / 5%	3,5 / 5%	7%	7%		X	X
Transglutaminas-ak (IgA)	Serum	EliA	Phadia 250	U/mL	15 / 10%	100 / 10%	13%	13%	X		
Transtyretin	Serum	Nefelometri	Immagine 800	g/L	0,1 / 4%	0,3 / 4%	6%	6%	X		
Triglycerid	Serum	Enzymatisk	Cobas Pro	mmol/L	1 / 5%	3 / 5%	7%	7%	X	X	X
Trombocyter	Blod	Impedans	Sysmex XN	*10 <sup>9</sup> /L	90 / 7%	240 / 4%	9%	6%	X	X	X
Trombocyter	Blod	Flouescens	Sysmex XN	*10 <sup>9</sup> /L	90 / 7%	240 / 4%	9%	6%	X	X	X
Trombocyter	Blod	Impedans	Sysmex XN-L	*10 <sup>9</sup> /L	60 / 7%	260 / 4 %	9%	6%		X	X
Troponin T	Plasma	ECLIA	Cobas e602	ng/L	20 / 7%	1900 / 6%	9%	8%	X		
Troponin T	Plasma	ECLIA	Cobas e411	ng/L	20 / 7%	1900 / 6%	9%	8%		X	X
Tryptas	Serum	EliA	Phadia 250	µg/L	10 / 10%	---	13%	---	X		
TSH (Tyrotropin)	Serum	Luminiscens	Architect i2000	mIE/L	3 / 5%	9 / 5%	7%	7%	X		
Triglycerid	Serum	Enzymatisk	Cobas Pure	mmol/L	1 / 5%	3 / 5%	7%	7%		X	X
U1RNP (70+A+C)-ak	Serum	EliA	Phadia 250	U/mL	---	50/ 10 %	---	13%	X		
Urat	Serum	Enzymatisk	Cobas Pro	µmol/L	200 / 3%	560 / 3%	4%	4%	X	X	X
Urat	Serum	Enzymatisk	Cobas Pure	µmol/L	200 / 3%	560 / 3%	4%	4%		X	X
Urat	tU	Enzymatisk	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Urat	tU	Enzymatisk	Cobas Pure	mmol/d	---	---	---	---		X	X
Urat	Urin	Enzymatisk	Cobas Pro	mmol/L	0,6 / 5%	1,1 / 4%	7%	5%	X	X	X
Urat	Urin	Enzymatisk	Cobas Pure	mmol/L	0,6 / 5%	1,1 / 4%	7%	5%		X	X
Urea	Serum	Ureas GLDH	Cobas Pro	mmol/L	6 / 4%	20 / 4%	5%	5%	X	X	X
Urea	Serum	Ureas GLDH	Cobas Pure	mmol/L	6 / 4%	20 / 4%	5%	5%		X	X
Urea	tU	Ureas GLDH	Cobas Pro	mmol/d	---	---	---	---	X	X	X
Urea	tU	Ureas GLDH	Cobas Pure	mmol/d	---	---	---	---		X	X
Urea	Urin	Ureas GLDH	Cobas Pro	mmol/L	163 / 6%	280 / 5%	8%	7%	X	X	X
Urea	Urin	Ureas GLDH	Cobas Pure	mmol/L	163 / 6%	280 / 5%	8%	7%		X	X
Valproat	Serum	Enzymatisk	Cobas Pro	µmol/L	200 / 5%	800 / 3%	7%	4%	X		
Vancomycin	Serum	KIMS	Cobas Pro	mg/L	10 / 6%	40 / 6%	8%	8%	X		
Zink	Serum	Sentinel /kolorimetrisk	Cobas Pro	µmol/L	15 / 5%	35 / 5%	7%	7%	X		

Komponent / Undersökning	System	Metod / Mätprincip	Utrustning	Enhet	Nivå / Mätosäkerhet		Mätosäkerhets- gräns		Kemilabo- ratoriet Jönköping	Laborato- riet Eksjö	Laborato- riet Värnamo
					Nivå 1	Nivå 2	Nivå 1	Nivå 2			
Östradiol	Serum	Luminiscens	Architect i2000	pmol/L	250 / 10%	1500 / 4%	13%	6%	X		
Kapillärprovtagning	---	---	---	---	---	---	---	---	X	X	X
Venprovtagning	---	---	---	---	---	---	---	---	X	X	X
Drogprovtagning - Arbetsplats - Sjukvård - Körkort	Urin	---	---	---	---	---	---	---		X	X
fPt-Glukostolerans	---	---	---	---	---	---	---	---		X	X
fPt-Laktostolerans	---	---	---	---	---	---	---	---		X	X
Pt- Iohexolclearance	---	---	---	---	---	---	---	---		X	X

\* Metoden utgör underlag för beräkning av dygnsutsöndring av komponenten samt används vid extern kvalitetssäkring. Inga provsvar rapporteras.

\*\*Metoderna ingår i droganalyser för arbetsplatstestning