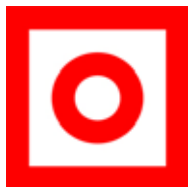


BGT

BioGenTechnologies GmbH

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Immun-o-trol



IMMUNOASSAY KONTROLLE

Art.- Nr.:

Level I KG 2638 10 x 5 ml

Level II KG 2639 10 x 5 ml

Level III KG 2640 10 x 5 ml

Tri Level KG 2633 12 x 5 ml

Level I Ch.-B.: 694 EC

Level II Ch.-B.: 696 EC

Level III Ch.-B.: 699 EC

Verwendbar bis: 2011-06

STABILITÄT

Das lyophilisierte Serum ist unter ständiger Aufbewahrung bei +2 bis +8°C bis zum angegebenen Verfallsdatum haltbar. Nach Aufbereitung ist das Kontrollserum ohne bakterielle Kontamination 7 Tage bei +2°C bis +8°C oder 4 Wochen bei -20°C gefroren (nur einmal einfrieren!) stabil. Es sollte nur die benötigte Menge des Materials entnommen werden. Nach Gebrauch sollten etwaige Reste **NICHT IN DIE FLASCHE ZURÜCKGEBEN** werden. **Bitte beachten Sie, dass die Stabilität der Parameter CA 19-9 und CA 15-3 auf 7 Tage bei 2 – 8°C geändert wurde.**

ANMERKUNGEN

Bakterielle Kontamination des aufbereiteten Kontrollmaterials verringert die Stabilität vieler Komponenten. **Parathyroid hormone (PTH) und Thyroglobulin sollten innerhalb von 4 Stunden nach Rekonstitution,** bei +2° bis +8°C getestet werden.

SICHERHEITSHINWEISE

Das für dieses Produkt verwendete Material ist humanen Ursprungs und wurde auf Spenderebene auf

Antikörper gegen Humanes Immunschwächevirus (HIV 1, HIV 2), Hepatitis B-Oberflächenantigen (HbsAg) und Hepatitis C-Virus (HCV) getestet und NEGATIV befundet. Jedoch ist keine Methode bekannt, die mit absoluter Sicherheit die Anwesenheit infektiösen Materials ausschließt, so daß dieses Material und alle Patientenproben als potenziell infektiöses Material zu behandeln sind, um jegliches Infektionsrisiko zu vermeiden.

Nur zur *in vitro*-Diagnostik

BGT Immunoassay Kontrollen sind lyophilisierte Kontrollseren humanen Ursprungs mit einer Vielzahl an Parametern in 3 Wertebereichen, die den klinischen Bereich abdecken.

VORBEREITUNG

Jede Flasche des lyophilisierten Serums vorsichtig mit genau **5 ml** destilliertem Wasser bei einer Temperatur von +20° bis +25°C auflösen. Flasche mit Gummistopfen wieder verschließen und 30 Minuten stehen lassen. Durch leichtes Schwenken der Flasche überprüfen, ob der Inhalt komplett gelöst ist. Schaumbildung vermeiden. Flasche nicht schütteln.

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Parameter	Einheit	Bereich			Methoden
		Zielwert	von	bis	
17-OH-Progesterone	nmol/l	4.67	3.44	5.90	Siemens Coat-a-Count
	ng/ml	1.55	1.14	1.96	
Alphafoetoprotein	KIU/l = IU/ml	9.69	8.24	11.1	Abbott AXSYM
	ng/ml	11.7	9.97	13.4	
	KIU/l = IU/ml	10.4	8.84	12.0	bioMerieux Vidas
	ng/ml	12.6	10.7	14.5	
	KIU/l = IU/ml	10.2	8.67	11.7	Siemens Immulite 1000
	ng/ml	12.3	10.5	14.1	
	KIU/l = IU/ml	9.84	8.36	11.3	Roche Elecsys
	ng/ml	11.9	10.1	13.7	
	KIU/l = IU/ml	12.0	10.2	13.8	Tosoh
	ng/ml	14.5	12.3	16.7	
	KIU/l = IU/ml	9.49	8.07	10.9	Beckman Access
	ng/ml	11.5	9.76	13.2	
	KIU/l = IU/ml	8.54	7.19	9.89	Vitros ECi
	ng/ml	10.3	8.70	11.9	
	KIU/l = IU/ml	10.3	8.76	11.8	Bayer ADVIA Centaur
	ng/ml	12.5	10.6	14.4	
	KIU/l = IU/ml	9.74	8.28	11.2	Siemens Immulite 2000/2500
	ng/ml	11.8	10.0	13.6	
	KIU/l = IU/ml	10.4	8.84	12.0	Abbott Architect
	ng/ml	12.6	10.7	14.5	
KIU/l = IU/ml	10.3	8.76	11.8	Diasorin RIA	
ng/ml	12.5	10.6	14.4		
KIU/l = IU/ml	10.1	8.59	11.6	Roche Modular E170	
ng/ml	12.2	10.4	14.0		
KIU/l = IU/ml	9.58	8.06	11.1	Beckman DxI800	
ng/ml	11.6	9.75	13.5		
KIU/l = IU/ml	9.87	8.39	11.4	Roche Cobas 6000	
ng/ml	11.9	10.2	13.6		
Beta-2-microglobulin	µg/ml = mg/l	1.60	1.23	1.97	Siemens Immulite 1000
	µg/ml = mg/l	1.48	1.18	1.78	bioMerieux Vidas
	µg/ml = mg/l	1.28	1.06	1.50	Roche Tinaquant
	µg/ml = mg/l	1.00	0.793	1.21	Abbott AXSYM
	µg/ml = mg/l	1.24	0.984	1.50	Siemens Immulite 2000/2500
	µg/ml = mg/l	1.41	1.20	1.62	Abbott Architect
CA 15-3	U/ml	16.6	14.0	19.2	Roche Elecsys
	U/ml	16.9	14.4	19.4	bioMerieux Vidas
	U/ml	15.8	11.6	20.0	Bayer ADVIA Centaur
	U/ml	19.1	15.9	22.3	Abbott Architect
	U/ml	26.8	22.6	31.0	Siemens Immulite 2000/2500
	U/ml	17.0	14.1	19.9	Abbott AXSYM

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
CA 15-3	U/ml	31.8	25.4	38.2	Siemens Immulite 1000
	U/ml	14.6	12.4	16.8	Vitros ECI
	U/ml	19.3	16.4	22.2	Diasorin Liaison
	U/ml	16.4	13.9	18.9	Roche Modular E170
	U/ml	17.3	14.5	20.1	Tosoh
	U/ml	14.2	11.0	17.4	Beckman Access
	U/ml	15.0	12.8	17.2	Beckman DxI800
	U/ml	17.1	14.5	19.7	Roche Cobas 6000
CA 19-9	U/ml	34.6	27.5	41.7	Abbott AXSYM
	U/ml	34.3	25.8	42.8	Siemens Immulite 1000
	U/ml	33.5	28.5	38.5	bioMerieux Vidas
	U/ml	25.8	21.9	29.7	Roche Elecsys
	U/ml	43.4	35.9	50.9	Bayer ADVIA Centaur
	U/ml	28.0	21.0	35.0	Siemens Immulite 2000/2500
	U/ml	127	108	146	Abbott Architect
	U/ml	54.0	45.9	62.1	Vitros ECI
	U/ml	28.0	23.8	32.2	Roche Modular E170
	U/ml	35.5	30.2	40.8	Beckman Access
	U/ml	33.4	26.2	40.6	Beckman DxI800
	U/ml	129	107	151	Abbott Architect XR kit
CA125	U/ml	25.0	19.2	30.8	Abbott AXSYM
	U/ml	18.5	15.7	21.3	Siemens Immulite 1000
	U/ml	18.8	16.0	21.6	bioMerieux Vidas
	U/ml	22.2	17.9	26.5	Roche Elecsys
	U/ml	24.4	20.7	28.1	Bayer ADVIA Centaur OV kit
	U/ml	17.6	15.0	20.2	Siemens Immulite 2000/2500
	U/ml	18.0	15.3	20.7	Vitros ECI
	U/ml	21.5	18.3	24.7	Roche Modular E170
	U/ml	27.5	23.4	31.6	Abbott Architect
	U/ml	22.3	19.0	25.6	Bayer ADVIA Centaur CA125 II kit
	U/ml	19.3	16.4	22.2	Beckman Access
	U/ml	18.5	15.7	21.3	Beckman DxI800
Carbamazepine	µmol/l	12.7	10.8	14.6	Vitros
	µg/ml	3.00	2.55	3.45	
	µmol/l	15.0	12.8	17.2	Abbott AXSYM
	µg/ml	3.55	3.03	4.07	
	µmol/l	15.6	13.3	17.9	Bayer ADVIA Centaur
	µg/ml	3.69	3.14	4.24	
	µmol/l	15.6	13.3	17.9	Abbott TDx
	µg/ml	3.69	3.14	4.24	
	µmol/l	12.0	10.2	13.8	Siemens Immulite 1000
	µg/ml	2.84	2.41	3.27	
	µmol/l	18.4	15.6	21.2	Roche Integra
	µg/ml	4.35	3.69	5.01	

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Carbamazepine	µmol/l	16.7	14.2	19.2	Hitachi 911/912/917
	µg/ml	3.95	3.36	4.54	
	µmol/l	13.9	11.1	16.7	Siemens Immulite 2000/2500
	µg/ml	3.29	2.62	3.96	
	µmol/l	13.8	11.6	16.0	Siemens Dimension
	µg/ml	3.26	2.74	3.78	
Carcinoembryonic Antigen (CEA)	µmol/l	15.9	13.5	18.3	Abbott Architect
	µg/ml	3.76	3.19	4.33	
	ng/ml = µg/l	3.48	2.93	4.03	Abbott AXSYM
	ng/ml = µg/l	2.85	2.42	3.28	bioMerieux Vidas
	ng/ml = µg/l	3.64	2.73	4.55	Siemens Immulite 1000
	ng/ml = µg/l	2.81	2.37	3.25	Roche Elecsys
	ng/ml = µg/l	4.64	3.94	5.34	Tosoh
	ng/ml = µg/l	4.25	3.19	5.31	Vitros ECi
	ng/ml = µg/l	3.21	2.73	3.69	Beckman Access
	ng/ml = µg/l	3.59	3.05	4.13	Bayer ADVIA Centaur
	ng/ml = µg/l	3.66	3.08	4.24	Siemens Immulite 2000/2500
	ng/ml = µg/l	3.49	2.97	4.01	Abbott Architect
	ng/ml = µg/l	3.68	3.13	4.23	Diasorin Liaison
	ng/ml = µg/l	2.79	2.37	3.21	Roche Modular E170
Cortisol	ng/ml = µg/l	3.09	2.63	3.55	Beckman DxI800
	ng/ml = µg/l	2.69	2.28	3.10	Roche Cobas 6000
	ng/ml = µg/l	2.83	2.26	3.40	Roche Cobas E411
	nmol/l	232	180	284	Abbott AXSYM
	µg/dl	8.35	6.48	10.2	
	nmol/l	163	137	189	bioMerieux Vidas
	µg/dl	5.87	4.93	6.81	
	nmol/l	275	234	316	Bayer ACS 180
	µg/dl	9.90	8.42	11.4	
	nmol/l	253	190	316	Siemens Immulite 1000
	µg/dl	9.11	6.84	11.4	
	nmol/l	210	179	241	Roche Elecsys
	µg/dl	7.56	6.44	8.68	
	nmol/l	269	229	309	Beckman Access
	µg/dl	9.68	8.24	11.1	
	nmol/l	217	184	250	Tosoh
	µg/dl	7.81	6.62	9.00	
	nmol/l	252	214	290	Bayer ADVIA Centaur
	µg/dl	9.07	7.70	10.4	
	nmol/l	250	205	295	Siemens Immulite 2000/2500
µg/dl	9.00	7.38	10.6		
nmol/l	226	170	282	Abbott Architect	
µg/dl	8.14	6.12	10.2		
nmol/l	202	172	232	Roche Modular E170	
µg/dl	7.27	6.19	8.35		
nmol/l	279	222	336	Beckman DxI800	
µg/dl	10.0	7.99	12.0		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Cortisol	nmol/l	204	173	235	Roche Cobas 6000
	µg/dl	7.34	6.23	8.45	
DHEA-S	µmol/l	3.50	2.78	4.22	Siemens Immulite 1000
	µmol/l	3.55	2.95	4.15	Siemens Immulite 2000/2500
	µmol/l	5.17	4.39	5.95	Roche Elecsys
	µmol/l	5.09	4.33	5.85	Roche Modular E170
	µmol/l	4.68	3.98	5.38	Abbott Architect
Digoxin	nmol/l	0.859	0.663	1.06	Beckman Access
	ng/ml	0.671	0.518	0.820	
	nmol/l	0.869	0.674	1.06	Abbott AXSYM
	ng/ml	0.679	0.526	0.830	
	nmol/l	1.03	0.770	1.29	Vitros
	ng/ml	0.804	0.601	1.01	
	nmol/l	0.776	0.582	0.970	Siemens Immulite 1000
	ng/ml	0.606	0.455	0.760	
	nmol/l	0.733	0.623	0.843	bioMerieux Vidas
	ng/ml	0.572	0.487	0.660	
	nmol/l	1.08	0.825	1.34	Roche Elecsys
	ng/ml	0.843	0.644	1.04	
	nmol/l	0.750	0.638	0.862	Siemens Immulite 2000/2500
	ng/ml	0.586	0.498	0.670	
	nmol/l	0.874	0.630	1.12	Bayer ADVIA Centaur
	ng/ml	0.683	0.492	0.870	
nmol/l	0.967	0.822	1.11	Roche Modular E170	
ng/ml	0.755	0.642	0.870		
nmol/l	0.926	0.787	1.07	Siemens Dimension	
ng/ml	0.723	0.615	0.830		
Ferritin	ng/ml = µg/l	6.81	5.11	8.51	Abbott AXSYM
	ng/ml = µg/l	6.32	4.74	7.90	bioMerieux Vidas
	ng/ml = µg/l	7.21	5.41	9.01	Siemens Immulite 1000
	ng/ml = µg/l	7.20	5.40	9.00	Roche Elecsys
	ng/ml = µg/l	5.88	4.37	7.39	Beckman Access
	ng/ml = µg/l	6.63	4.97	8.29	Vitros ECI
	ng/ml = µg/l	8.67	6.59	10.8	Bayer ADVIA Centaur
	ng/ml = µg/l	7.31	5.15	9.47	Siemens Immulite 2000/2500
	ng/ml = µg/l	6.00	4.46	7.54	Abbott Architect
	ng/ml = µg/l	7.57	5.68	9.46	Roche Modular E170
	ng/ml = µg/l	6.86	5.15	8.57	Siemens Dimension
	ng/ml = µg/l	6.05	4.75	7.35	Beckman DxI800
	ng/ml = µg/l	7.27	5.82	8.72	Roche Cobas 6000
Folate	nmol/l	9.78	7.90	11.7	Abbott AXSYM
	ng/ml	4.31	3.48	5.14	
	nmol/l	7.36	6.07	8.65	Beckman Access
	ng/ml	3.25	2.68	3.82	
	nmol/l	8.50	6.38	10.6	Siemens Immulite 1000
ng/ml	3.75	2.81	4.69		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Folate	nmol/l	14.6	11.8	17.4	Roche Elecsys
	ng/ml	6.44	5.20	7.68	
	nmol/l	9.38	7.66	11.1	Siemens Immulite 2000
	ng/ml	4.14	3.38	4.90	
	nmol/l	8.98	7.38	10.6	Abbott Architect
	ng/ml	3.96	3.25	4.67	
	nmol/l	13.3	11.3	15.3	Roche Modular E170
	ng/ml	5.87	4.98	6.76	
	nmol/l	20.9	16.5	25.3	Bayer ADVIA Centaur (enhanced kit)
	ng/ml	9.22	7.28	11.2	
	nmol/l	7.17	6.09	8.25	Beckman DxI800
	ng/ml	3.16	2.69	3.63	
	nmol/l	9.28	6.80	11.8	Abbott Architect restandardised
	ng/ml	4.09	3.00	5.18	
Free T3	pmol/l	9.10	6.83	11.4	Tosoh
	ng/dl	0.592	0.444	0.740	
	pg/ml	5.92	4.45	7.39	
	pmol/l	7.64	6.27	9.01	Abbott AXSYM
	ng/dl	0.497	0.408	0.590	
	pg/ml	4.97	4.08	5.86	
	pmol/l	7.02	5.97	8.07	bioMerieux Vidas
	ng/dl	0.456	0.388	0.520	
	pg/ml	4.57	3.89	5.25	
	pmol/l	6.99	5.94	8.04	Bayer ACS 180
	ng/dl	0.454	0.386	0.520	
	pg/ml	4.55	3.87	5.23	
	pmol/l	7.01	5.96	8.06	Roche Elecsys
	ng/dl	0.456	0.387	0.530	
	pg/ml	4.56	3.88	5.24	
	pmol/l	6.04	4.77	7.31	Beckman Access
	ng/dl	0.393	0.310	0.480	
	pg/ml	3.93	3.11	4.75	
	pmol/l	5.14	4.37	5.91	Siemens Immulite 1000
	ng/dl	0.334	0.284	0.380	
	pg/ml	3.35	2.84	3.86	
	pmol/l	17.8	15.1	20.5	Vitros ECI
	ng/dl	1.16	0.982	1.34	
	pg/ml	11.6	9.83	13.4	
pmol/l	6.98	5.93	8.03	Bayer ADVIA Centaur	
ng/dl	0.454	0.385	0.520		
pg/ml	4.54	3.86	5.22		
pmol/l	5.31	4.21	6.41	Siemens Immulite 2000/2500	
ng/dl	0.345	0.274	0.420		
pg/ml	3.46	2.74	4.18		
pmol/l	4.75	3.92	5.58	Abbott Architect	
ng/dl	0.309	0.255	0.360		
pg/ml	3.09	2.55	3.63		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T3	pmol/l	7.63	6.49	8.77	Diasorin Liaison
	ng/dl	0.496	0.422	0.570	
	pg/ml	4.97	4.22	5.72	
	pmol/l	6.74	5.73	7.75	Roche Modular E170
	ng/dl	0.438	0.372	0.500	
	pg/ml	4.39	3.73	5.05	
	pmol/l	5.90	5.02	6.78	Beckman Dxl800
	ng/dl	0.384	0.326	0.440	
	pg/ml	3.84	3.27	4.41	
	pmol/l	6.56	4.92	8.20	Roche Cobas 6000
	ng/dl	0.430	0.320	0.530	
	pg/ml	4.27	3.20	5.34	
	pmol/l	7.26	5.45	9.08	Roche Cobas E411
	ng/dl	0.470	0.350	0.590	
	pg/ml	4.73	3.55	5.91	
Free T4	pmol/l	20.3	17.3	23.3	Abbott AXSYM
	ng/dl	1.58	1.35	1.81	
	pg/ml	15.8	13.5	18.1	
	pmol/l	9.47	7.01	11.9	bioMerieux Vidas
	ng/dl	0.739	0.547	0.930	
	pg/ml	7.39	5.47	9.31	
	pmol/l	15.8	13.3	18.3	Bayer ACS 180
	ng/dl	1.23	1.04	1.42	
	pg/ml	12.3	10.4	14.2	
	pmol/l	15.1	12.6	17.6	Siemens Immulite 1000
	ng/dl	1.18	0.983	1.38	
	pg/ml	11.8	9.83	13.8	
	pmol/l	22.9	19.5	26.3	Roche Elecsys
	ng/dl	1.79	1.52	2.06	
	pg/ml	17.9	15.2	20.6	
	pmol/l	19.3	16.4	22.2	Beckman Access
	ng/dl	1.51	1.28	1.74	
	pg/ml	15.1	12.8	17.4	
	pmol/l	27.4	20.6	34.2	Tosoh
	ng/dl	2.14	1.61	2.67	
	pg/ml	21.4	16.1	26.7	
	pmol/l	65.5	55.7	75.3	Vitros ECi
	ng/dl	5.11	4.34	5.88	
	pg/ml	51.1	43.4	58.8	
pmol/l	15.7	13.3	18.1	Bayer ADVIA Centaur	
ng/dl	1.22	1.04	1.40		
pg/ml	12.2	10.4	14.0		
pmol/l	14.8	12.6	17.0	Siemens Immulite 2000/2500	
ng/dl	1.15	0.983	1.32		
pg/ml	11.5	9.83	13.2		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T4	pmol/l	22.7	19.3	26.1	Abbott Architect
	ng/dl	1.77	1.51	2.03	
	pg/ml	17.7	15.1	20.3	
	pmol/l	40.7	34.6	46.8	Diasorin Liaison
	ng/dl	3.17	2.70	3.64	
	pg/ml	31.7	27.0	36.4	
	pmol/l	22.7	19.3	26.1	Roche Modular E170
	ng/dl	1.77	1.51	2.03	
	pg/ml	17.7	15.1	20.3	
	pmol/l	20.1	17.1	23.1	Beckman DxI800
	ng/dl	1.57	1.33	1.81	
	pg/ml	15.7	13.3	18.1	
	pmol/l	22.8	19.4	26.2	Roche Cobas 6000
	ng/dl	1.78	1.51	2.05	
	pg/ml	17.8	15.1	20.5	
pmol/l	22.6	19.2	26.0	Roche Cobas E411	
ng/dl	1.76	1.50	2.03		
pg/ml	17.6	15.0	20.3		
FSH	mU/ml	6.70	5.70	7.70	Tosoh
	mU/ml	5.20	4.10	6.30	Siemens Immulite 1000
	mU/ml	5.85	4.97	6.73	bioMerieux Vidas
	mU/ml	4.71	3.78	5.64	Abbott AXSYM
	mU/ml	5.69	4.84	6.54	Beckman Access
	mU/ml	6.31	5.36	7.26	Roche/BM Elecsys
	mU/ml	6.02	5.09	6.95	Vitros ECI
	mU/ml	5.71	4.80	6.62	Bayer ADVIA Centaur
	mU/ml	5.06	4.30	5.82	Siemens Immulite 2000/2500
	mU/ml	4.85	4.12	5.58	Abbott Architect
	mU/ml	7.15	6.08	8.22	Diasorin Liaison
	mU/ml	5.64	4.79	6.49	Roche Modular E170
	mU/ml	5.56	4.73	6.39	Beckman DxI800
	mU/ml	5.65	4.52	6.78	Roche Cobas 6000
	mU/ml	6.43	5.14	7.72	Roche Cobas E411
Growth Hormone (GH)	µU/ml	8.49	7.22	9.76	Siemens Immulite 1000
	µU/ml	8.42	7.05	9.79	Siemens Immulite 2000/2500
Human Chorionic Gonadotrophin (HCG)	mU/ml	11.9	9.20	14.6	Abbott AXSYM
	mU/ml	10.9	9.19	12.6	bioMerieux Vidas
	mU/ml	13.4	11.1	15.7	Siemens Immulite 1000
	mU/ml	8.88	7.55	10.2	Roche Elecsys HCG + Beta
	mU/ml	7.94	6.75	9.13	Beckman Access
	mU/ml	13.4	10.1	16.7	Tosoh
	mU/ml	13.3	11.1	15.5	Vitros ECI
	mU/ml	11.0	8.32	13.7	Bayer ADVIA Centaur
	mU/ml	15.0	12.3	17.7	Siemens Immulite 2000
	mU/ml	6.62	5.31	7.93	Abbott Architect

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Human Chorionic Gonadotrophin (HCG)	mU/ml	8.51	7.23	9.79	Roche Modular E170
	mU/ml	10.2	7.94	12.5	Siemens Dimension
	mU/ml	7.80	6.63	8.97	Beckman Dxl800
	mU/ml	8.91	7.57	10.3	Roche Elecsys HCG STAT Intact
	mU/ml	8.55	6.84	10.3	Roche Cobas 6000
Immunoglobulin E	KIU/l = IU/ml	244	207	281	Siemens Immulite 1000
	KIU/l = IU/ml	267	214	320	Abbott IMx
	KIU/l = IU/ml	245	200	290	bioMerieux Vidas
	KIU/l = IU/ml	217	184	250	Beckman Access
	KIU/l = IU/ml	241	191	291	Pharmacia Unicap
	KIU/l = IU/ml	263	224	302	Roche Elecsys
	KIU/l = IU/ml	265	225	305	Tosoh
	KIU/l = IU/ml	279	228	330	Bayer ADVIA Centaur
	KIU/l = IU/ml	241	205	277	Siemens Immulite 2000/2500
	KIU/l = IU/ml	264	224	304	Roche Modular E170
	KIU/l = IU/ml	268	214	322	Roche Cobas 6000
Insulin	mU/l	1.93	1.45	2.41	Bayer ADVIA Centaur
	mU/l	1.64	1.23	2.05	Abbott AXSYM
	mU/l	2.48	1.86	3.10	Siemens Immulite 1000
	mU/l	1.43	1.07	1.79	Roche Modular E170
	mU/l	3.25	2.28	4.22	Siemens Immulite 2000
	mU/l	1.43	1.07	1.79	Roche Elecsys
	mU/l	1.43	1.07	1.79	Abbott Architect
	mU/l	1.26	0.945	1.58	Beckman Dxl800
	mU/l	1.56	1.17	1.95	Roche Cobas E411
	mU/l	1.33	1.00	1.66	Roche Cobas 6000
Luteinising Hormone (LH)	mU/ml	3.62	2.89	4.35	Abbott AXSYM
	mU/ml	2.70	2.28	3.12	Beckman Access
	mU/ml	3.17	2.69	3.65	bioMerieux Vidas
	mU/ml	6.73	5.68	7.78	Siemens Immulite 1000
	mU/ml	3.12	2.26	3.98	Tosoh
	mU/ml	3.96	3.37	4.55	Roche Elecsys
	mU/ml	6.18	4.64	7.72	Vitros Eci
	mU/ml	3.67	3.12	4.22	Bayer ADVIA Centaur
	mU/ml	6.37	5.41	7.33	Siemens Immulite 2000
	mU/ml	3.48	2.96	4.00	Abbott Architect
	mU/ml	4.93	3.70	6.16	Diasorin Liaison
	mU/ml	4.10	3.49	4.71	Roche Modular E170
	mU/ml	2.71	2.30	3.12	Beckman Dxl800
	mU/ml	4.00	3.20	4.80	Roche Cobas 6000
mU/ml	3.98	3.18	4.78	Roche Cobas E411	
Oestradiol	pmol/l	121	90.8	151	Abbott AXSYM
	pg/ml	32.9	24.7	41.1	
	pmol/l	93.0	69.3	117	bioMerieux Vidas
	pg/ml	25.3	18.8	31.8	
	pmol/l	119	95.2	143	Siemens Immulite 1000
pg/ml	32.4	25.9	38.9		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Oestradiol	pmol/l	140	107	173	Tosoh	
	pg/ml	38.1	29.1	47.1		
	pmol/l	175	126	224	Roche Elecsys	
	pg/ml	47.6	34.3	60.9		
	pmol/l	64.2	51.4	77.0	Vitros ECi	
	pg/ml	17.5	14.0	21.0		
	pmol/l	194	155	233	Beckman Access	
	pg/ml	52.8	42.2	63.4		
	pmol/l	94.5	70.9	118	Siemens Immulite 2000/2500	
	pg/ml	25.7	19.3	32.1		
	pmol/l	243	207	279	Abbott Architect	
	pg/ml	66.1	56.3	75.9		
	pmol/l	195	159	231	Roche Modular E170	
	pg/ml	53.0	43.2	62.8		
Parathyroid Hormone (PTH)	pmol/l	2.45	1.96	2.94	Bayer ADVIA Centaur	
	pg/ml	23.3	18.6	28.0		
	pmol/l	1.17	0.936	1.40	Siemens Immulite 1000	
	pg/ml	11.1	8.89	13.3		
	pmol/l	1.29	1.03	1.55	Siemens Immulite 2000	
	pg/ml	12.3	9.78	14.8		
	pmol/l	2.34	1.81	2.87	Roche Elecsys	
	pg/ml	22.2	17.2	27.2		
	pmol/l	2.17	1.72	2.62	Roche Modular E170	
	pg/ml	20.6	16.3	24.9		
	Phenytoin	µmol/l	19.5	15.6	23.4	Bayer ADVIA Centaur
		µg/ml	4.92	3.94	5.90	
		µmol/l	17.7	15.0	20.4	Abbott AXSYM
		µg/ml	4.47	3.79	5.15	
µmol/l		12.0	10.2	13.8	Vitros	
µg/ml		3.03	2.58	3.48		
µmol/l		16.1	13.7	18.5	Siemens Immulite 1000	
µg/ml		4.07	3.46	4.68		
µmol/l		17.0	13.6	20.4	Roche Integra	
µg/ml		4.29	3.43	5.15		
µmol/l		17.5	14.9	20.1	Hitachi 911/912/917	
µg/ml		4.42	3.76	5.08		
µmol/l		15.5	12.4	18.6	Roche Modular E170	
µg/ml		3.91	3.13	4.69		
Progesterone	nmol/l	4.42	3.53	5.31	Beckman Access	
	ng/ml	1.38	1.10	1.66		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Parameter	Einheit	Bereich			Methoden
		Zielwert	von	bis	
Progesterone	nmol/l	3.41	2.60	4.22	Abbott AXSYM
	ng/ml	1.07	0.814	1.33	
	nmol/l	4.00	3.00	5.00	Siemens Immulite 1000
	ng/ml	1.25	0.939	1.56	
	nmol/l	3.91	3.01	4.81	Tosoh
	ng/ml	1.22	0.942	1.50	
	nmol/l	4.13	3.10	5.16	bioMerieux Vidas
	ng/ml	1.29	0.970	1.61	
	nmol/l	3.00	2.43	3.57	Roche Elecsys
	ng/ml	0.939	0.761	1.12	
	nmol/l	3.17	2.69	3.65	Vitros Eci
	ng/ml	0.992	0.842	1.14	
	nmol/l	4.07	3.19	4.95	Bayer ADVIA Centaur
	ng/ml	1.27	1.00	1.54	
	nmol/l	3.91	3.13	4.69	Siemens Immulite 2000/2500
	ng/ml	1.22	0.980	1.46	
	nmol/l	3.12	2.64	3.60	Roche Modular E170
	ng/ml	0.977	0.826	1.13	
nmol/l	4.55	3.41	5.69	Beckman Dxl800	
ng/ml	1.42	1.07	1.77		
nmol/l	3.17	2.54	3.80	Roche Cobas E411	
ng/ml	0.990	0.800	1.19		
Prolactin	µU/ml	113	96.1	130	Beckman Access
	µU/ml	130	109	151	Abbott AXSYM
	µU/ml	106	85.1	127	Siemens Immulite 1000
	µU/ml	80.7	68.6	92.8	Roche Elecsys
	µU/ml	152	114	190	Vitros Eci
	µU/ml	123	105	141	Bayer ADVIA Centaur
	µU/ml	97.5	81.9	113	Siemens Immulite 2000/2500
	µU/ml	117	99.5	135	Abbott Architect
	µU/ml	93.4	79.4	107	Diasorin Liaison
	µU/ml	83.2	70.7	95.7	Roche Modular E170
	µU/ml	114	96.9	131	Beckman Dxl800
	µU/ml	80.2	68.2	92.2	Roche Modular E170 2nd Gen prolactin II
	µU/ml	80.3	68.3	92.3	Roche Elecsys 2nd Gen. prolactin II
	µU/ml	77.7	62.2	93.2	Roche Cobas 6000
µU/ml	82.1	65.7	98.5	Roche Cobas E411	
PSA Free	ng/ml = µg/l	1.20	1.02	1.38	Siemens Immulite 1000
	ng/ml = µg/l	1.34	1.14	1.54	Siemens Immulite 2000/2500
	ng/ml = µg/l	1.06	0.901	1.22	Abbott Axsym - monoclonal
	ng/ml = µg/l	1.24	1.05	1.43	Roche Elecsys
	ng/ml = µg/l	1.33	1.13	1.53	Abbott Architect
	ng/ml = µg/l	1.94	1.57	2.31	Beckman Access (Hybritech)
	ng/ml = µg/l	0.500	0.425	0.575	Diasorin Liaison
ng/ml = µg/l	1.26	1.07	1.45	Roche Modular E170	

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
PSA Free	ng/ml = µg/l	1.92	1.63	2.21	Beckman DxI800
	ng/ml = µg/l	1.26	0.950	1.58	Roche Cobas 6000
PSA Total	ng/ml = µg/l	1.29	1.10	1.48	Abbott Axsym - polyclonal
	ng/ml = µg/l	1.29	1.10	1.48	Abbott Axsym - monoclonal
	ng/ml = µg/l	1.67	1.33	2.01	bioMerieux Vidas
	ng/ml = µg/l	1.19	0.975	1.41	DPC Immulite 1000 1st generation
	ng/ml = µg/l	1.85	1.57	2.13	Roche Elecsys
	ng/ml = µg/l	1.19	0.838	1.54	Tosoh
	ng/ml = µg/l	1.70	1.45	1.95	Beckman Access-non-standardised results
	ng/ml = µg/l	1.55	1.32	1.78	Bayer ADVIA Centaur (equimolar)
	ng/ml = µg/l	1.73	1.47	1.99	bioMerieux VIDAS TPSA
	ng/ml = µg/l	1.57	1.25	1.89	Bayer ADVIA Centaur
	ng/ml = µg/l	1.10	0.935	1.27	DPC Immulite 2000/2500 1st generation
	ng/ml = µg/l	1.55	1.32	1.78	Abbott Architect
	ng/ml = µg/l	1.01	0.758	1.26	DPC Immulite 1000 3rd generation
	ng/ml = µg/l	0.904	0.768	1.04	DPC Immulite 2000/2500 3rd generation
	ng/ml = µg/l	0.751	0.563	0.939	Vitros Eci
	ng/ml = µg/l	1.91	1.62	2.20	Roche Modular E170
	ng/ml = µg/l	1.23	1.05	1.41	Siemens Dimension equimolar
	ng/ml = µg/l	1.70	1.45	1.95	Beckman Access standardised to IRP96/670
	ng/ml = µg/l	1.64	1.39	1.89	Beckman DxI800 non-standardised
	ng/ml = µg/l	1.49	1.27	1.71	Beckman DxI800 standardised to IRP96/670
ng/ml = µg/l	1.93	1.45	2.41	Roche Cobas 6000	
ng/ml = µg/l	1.86	1.40	2.33	Roche Cobas E411	
SHBG	nmol/l	2.00	1.70	2.30	Siemens Immulite 2000/2500
	nmol/l	2.46	1.85	3.07	Roche Elecsys
	nmol/l	2.81	2.39	3.23	Roche Modular E170
T Uptake	%U	52.5	43.1	62.0	Siemens Immulite 1000
Testosterone	nmol/l	1.51	1.21	1.81	Abbott AXSYM
	ng/ml	0.435	0.348	0.522	
	ng/dl	43.5	34.8	52.2	
	nmol/l	2.63	1.97	3.29	Siemens Immulite 1000
	ng/ml	0.757	0.567	0.950	
	ng/dl	75.7	56.7	94.7	
	nmol/l	2.27	1.70	2.84	Roche Elecsys
	ng/ml	0.654	0.490	0.820	
	ng/dl	65.4	49.0	81.8	
	nmol/l	1.47	1.18	1.76	Vitros Eci
	ng/ml	0.423	0.340	0.506	
	ng/dl	42.3	34.0	50.6	
	nmol/l	1.86	1.40	2.32	Bayer ADVIA Centaur
ng/ml	0.536	0.403	0.670		
ng/dl	53.6	40.3	66.9		
nmol/l	2.50	1.79	3.21	Siemens Immulite 2000/2500	
ng/ml	0.720	0.516	0.920		
ng/dl	72.0	51.6	92.4		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Testosterone	nmol/l	2.38	1.79	2.97	Abbott Architect
	ng/ml	0.685	0.516	0.850	
	ng/dl	68.5	51.6	85.4	
	nmol/l	2.68	2.01	3.35	bioMerieux Vidas
	ng/ml	0.772	0.579	0.970	
	ng/dl	77.2	57.9	96.5	
	nmol/l	1.97	1.46	2.48	Beckman Access
	ng/ml	0.567	0.420	0.710	
	ng/dl	56.7	42.0	71.4	
	nmol/l	2.37	1.92	2.82	Roche Modular E170
	ng/ml	0.683	0.553	0.810	
	ng/dl	68.3	55.3	81.3	
Theophylline	µmol/l	27.9	23.7	32.1	Abbott AXSYM
	µg/ml	5.03	4.27	5.79	Vitros
	µmol/l	42.0	35.7	48.3	
	µg/ml	7.57	6.43	8.71	Roche Integra
	µmol/l	30.8	26.2	35.4	
	µg/ml	5.55	4.72	6.38	Siemens Immulite 2000/2500
	µmol/l	29.6	25.2	34.0	
	µg/ml	5.33	4.54	6.12	Abbott Architect
	µmol/l	26.0	20.2	31.8	
	µg/ml	4.69	3.64	5.74	
Thyroglobulin	ng/ml	0.347	0.260	0.434	Siemens Immulite 2000
	ng/ml	6.41	4.62	8.20	Roche Elecsys
	ng/ml	5.71	4.28	7.14	Roche Modular E170
Thyroid Stimulating Hormone	µU/ml = mIU/l	0.113	0.085	0.141	Abbott AxSYM Ultrasensitive hTSH II
	µU/ml = mIU/l	0.088	0.069	0.107	bioMerieux VIDAS TSH
	µU/ml = mIU/l	0.111	0.094	0.128	Bayer ACS 180
	µU/ml = mIU/l	0.128	0.102	0.154	Siemens Immulite 1000
	µU/ml = mIU/l	0.150	0.128	0.172	Roche Elecsys
	µU/ml = mIU/l	0.100	0.083	0.117	Beckman Access hyperTSH 3rd Generation
	µU/ml = mIU/l	0.186	0.140	0.232	Tosoh
	µU/ml = mIU/l	0.168	0.125	0.211	Vitros ECI
	µU/ml = mIU/l	0.118	0.099	0.137	Bayer ADVIA Centaur
	µU/ml = mIU/l	0.103	0.081	0.125	Siemens Immulite 2000/2500
	µU/ml = mIU/l	0.100	0.085	0.115	Abbott Architect Ultrasensitive hTSH II
	µU/ml = mIU/l	0.122	0.093	0.151	Abbott AxSYM 3rd generation
	µU/ml = mIU/l	0.138	0.117	0.159	Diasorin Liaison
	µU/ml = mIU/l	0.155	0.132	0.178	Roche Modular E170
	µU/ml = mIU/l	0.103	0.084	0.122	Siemens Dimension
	µU/ml = mIU/l	0.095	0.075	0.115	bioMerieux VIDAS TSH3 Ultrasensitive
	µU/ml = mIU/l	0.098	0.083	0.113	Beckman DxI800
	µU/ml = mIU/l	0.098	0.076	0.120	Beckman DxI800 Fast TSH
	µU/ml = mIU/l	0.131	0.098	0.164	Bayer Advia Centaur 3rd Generation
	µU/ml = mIU/l	0.156	0.120	0.190	Roche Cobas 6000
µU/ml = mIU/l	0.154	0.120	0.180	Roche Cobas E411	

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T3	nmol/l	1.08	0.810	1.35	Abbott AXSYM
	ng/ml	0.703	0.527	0.880	
	ng/dl	70.3	52.7	87.9	
	nmol/l	1.28	1.05	1.51	bioMerieux Vidas
	ng/ml	0.833	0.684	0.980	
	ng/dl	83.3	68.4	98.2	
	nmol/l	1.00	0.750	1.25	Siemens Immulite 1000
	ng/ml	0.651	0.488	0.810	
	ng/dl	65.1	48.8	81.4	
	nmol/l	2.05	1.74	2.36	Roche Elecsys
	ng/ml	1.33	1.13	1.53	
	ng/dl	133	113	153	
	nmol/l	1.57	1.33	1.81	Beckman Access
	ng/ml	1.02	0.866	1.17	
	ng/dl	102	86.6	117	
	nmol/l	0.955	0.812	1.10	Tosoh
	ng/ml	0.622	0.529	0.720	
	ng/dl	62.2	52.9	71.5	
	nmol/l	0.884	0.738	1.03	Bayer ADVIA Centaur
	ng/ml	0.575	0.480	0.670	
	ng/dl	57.5	48.0	67.0	
nmol/l	0.977	0.830	1.12	Siemens Immulite 2000/2500	
ng/ml	0.636	0.540	0.730		
ng/dl	63.6	54.0	73.2		
nmol/l	1.08	0.867	1.29	Abbott Architect	
ng/ml	0.703	0.564	0.840		
ng/dl	70.3	56.4	84.2		
nmol/l	1.34	1.14	1.54	Vitros ECi	
ng/ml	0.872	0.742	1.00		
ng/dl	87.2	74.2	100		
nmol/l	1.78	1.51	2.05	Roche Modular E170	
ng/ml	1.16	0.983	1.34		
ng/dl	116	98.3	134		
nmol/l	1.47	1.10	1.84	Beckman DxI800	
ng/ml	0.957	0.716	1.20		
ng/dl	95.7	71.6	120		
nmol/l	1.85	1.39	2.31	Roche Cobas 6000	
ng/ml	1.20	0.900	1.50		
ng/dl	120	90.5	150		
nmol/l	2.15	1.61	2.69	Roche Cobas E411	
ng/ml	1.40	1.05	1.75		
ng/dl	140	105	175		
Total T4	nmol/l	22.0	18.7	25.3	Vitros ECi
	µg/dl	1.72	1.46	1.98	
	ng/ml	17.2	14.6	19.8	
	nmol/l	30.1	22.6	37.6	Abbott AXSYM
	µg/dl	2.35	1.76	2.94	
ng/ml	23.5	17.6	29.4		

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T4	nmol/l	33.7	27.3	40.1	bioMerieux Vidas
	µg/dl	2.63	2.13	3.13	
	ng/ml	26.3	21.3	31.3	
	nmol/l	20.7	16.3	25.1	Siemens Immulite 1000
	µg/dl	1.61	1.27	1.95	
	ng/ml	16.1	12.7	19.5	
	nmol/l	34.1	28.5	39.7	Roche Elecsys
	µg/dl	2.66	2.22	3.10	
	ng/ml	26.6	22.2	31.0	
	nmol/l	25.8	21.6	30.0	Beckman Access
	µg/dl	2.01	1.68	2.34	
	ng/ml	20.1	16.8	23.4	
	nmol/l	19.6	14.7	24.5	Tosoh
	µg/dl	1.53	1.15	1.91	
	ng/ml	15.3	11.5	19.1	
	nmol/l	16.7	12.5	20.9	Siemens Immulite 2000/2500
	µg/dl	1.30	0.975	1.63	
	ng/ml	13.0	9.75	16.3	
	nmol/l	38.9	31.6	46.2	Abbott Architect
	µg/dl	3.03	2.46	3.60	
	ng/ml	30.3	24.6	36.0	
	nmol/l	32.2	27.4	37.0	Roche Modular E170
	µg/dl	2.51	2.14	2.88	
	ng/ml	25.1	21.4	28.8	
nmol/l	24.6	18.7	30.5	Beckman DxI800	
µg/dl	1.92	1.46	2.38		
ng/ml	19.2	14.6	23.8		
nmol/l	32.9	24.7	41.1	Roche Cobas 6000	
µg/dl	2.57	1.93	3.21		
ng/ml	25.7	19.3	32.1		
nmol/l	36.3	27.2	45.4	Roche Cobas E411	
µg/dl	2.83	2.12	3.54		
ng/ml	28.3	21.2	35.4		
Valproic Acid	µmol/l	210	179	241	Abbott AXSYM
	µg/ml	30.3	25.8	34.8	
	µmol/l	207	176	238	Abbott TDx
	µg/ml	29.9	25.4	34.4	
	µmol/l	210	179	241	Siemens Immulite 1000
	µg/ml	30.3	25.8	34.8	
	µmol/l	220	187	253	Roche Integra
	µg/ml	31.7	27.0	36.4	
	µmol/l	207	176	238	Siemens Immulite 2000/2500
	µg/ml	29.9	25.4	34.4	
	µmol/l	219	186	252	Bayer ADVIA Centaur
	µg/ml	31.6	26.8	36.4	

IMMUNOASSAY CONTROL LEVEL 1

Art.-Nr.: KG2638/KG2633 Ch.-B.: 694EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Valproic Acid	µmol/l	210	179	241	Roche Modular E170
	µg/ml	30.3	25.8	34.8	
	µmol/l	170	144	196	Abbott Architect
	µg/ml	24.5	20.8	28.2	
Vitamin B12	pmol/l	94.8	71.1	119	Abbott AXSYM
	pg/ml	128	96.3	160	
	pmol/l	137	103	171	Roche Elecsys
	pg/ml	186	140	232	
	pmol/l	94.1	74.3	114	Beckman Access
	pg/ml	128	101	155	
	pmol/l	109	92.7	125	Siemens Immulite 1000
	pg/ml	148	126	170	
	pmol/l	104	78.0	130	Bayer ADVIA Centaur
	pg/ml	141	106	176	
	pmol/l	111	94.4	128	Siemens Immulite 2000
	pg/ml	150	128	172	
	pmol/l	93.8	69.7	118	Abbott Architect
	pg/ml	127	94.4	160	
	pmol/l	113	95.8	130	Roche Modular E170
	pg/ml	153	130	176	
pmol/l	85.2	66.3	104	Beckman DxI800	
pg/ml	115	89.8	140		
pmol/l	111	94.4	128	DPC Immulite 2500	
pg/ml	150	128	172		

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Parameter	Einheit	Zielwert	Bereich		Methoden
			von	bis	
17-OH-Progesterone	nmol/l	22.0	16.5	27.5	Siemens Coat-a-Count
	ng/ml	7.28	5.46	9.10	
Alphafoetoprotein	KIU/l = IU/ml	42.4	34.0	50.8	Abbott AXSYM
	ng/ml	51.3	41.1	61.5	
	KIU/l = IU/ml	39.3	31.9	46.7	bioMerieux Vidas
	ng/ml	47.6	38.6	56.6	
	KIU/l = IU/ml	40.3	34.3	46.3	Siemens Immulite 1000
	ng/ml	48.8	41.5	56.1	
	KIU/l = IU/ml	41.6	35.4	47.8	Roche Elecsys
	ng/ml	50.3	42.8	57.8	
	KIU/l = IU/ml	40.8	33.9	47.7	Tosoh
	ng/ml	49.4	41.0	57.8	
	KIU/l = IU/ml	42.6	36.2	49.0	Beckman Access
	ng/ml	51.5	43.8	59.2	
	KIU/l = IU/ml	35.7	29.4	42.0	Vitros ECi
	ng/ml	43.2	35.6	50.8	
	KIU/l = IU/ml	42.9	36.5	49.3	Bayer ADVIA Centaur
	ng/ml	51.9	44.2	59.6	
	KIU/l = IU/ml	37.3	31.7	42.9	Siemens Immulite 2000/2500
	ng/ml	45.1	38.4	51.8	
	KIU/l = IU/ml	43.0	36.6	49.4	Abbott Architect
	ng/ml	52.0	44.3	59.7	
KIU/l = IU/ml	42.8	36.4	49.2	Roche Modular E170	
ng/ml	51.8	44.0	59.6		
KIU/l = IU/ml	37.7	31.8	43.6	Beckman DxI800	
ng/ml	45.6	38.5	52.7		
KIU/l = IU/ml	41.2	35.0	47.4	Roche Cobas 6000	
ng/ml	49.9	42.4	57.4		
KIU/l = IU/ml	42.0	35.7	48.3	Roche Cobas E411	
ng/ml	50.8	43.2	58.4		
Beta-2-microglobulin	µg/ml = mg/l	3.84	3.26	4.42	Siemens Immulite 1000
	µg/ml = mg/l	4.04	3.43	4.65	bioMerieux Vidas
	µg/ml = mg/l	3.58	3.04	4.12	Roche Tinaquant
	µg/ml = mg/l	3.94	3.35	4.53	Behring Nephelometer
	µg/ml = mg/l	2.86	2.37	3.35	Abbott AXSYM
	µg/ml = mg/l	3.43	2.92	3.94	Siemens Immulite 2000/2500
CA 15-3	U/ml	41.1	34.9	47.3	Roche Elecsys
	U/ml	39.8	33.8	45.8	bioMerieux Vidas
	U/ml	42.8	35.0	50.6	Bayer ADVIA Centaur
	U/ml	42.3	35.5	49.1	Abbott Architect
	U/ml	66.8	56.8	76.8	Siemens Immulite 2000/2500

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
CA 15-3	U/ml	39.6	33.7	45.5	Abbott AXSYM
	U/ml	78.0	58.5	97.5	Siemens Immulite 1000
	U/ml	44.9	38.2	51.6	Abbott IMx
	U/ml	41.7	35.4	48.0	Vitros ECi
	U/ml	44.4	37.7	51.1	Diasorin Liaison
	U/ml	40.9	34.8	47.0	Roche Modular E170
	U/ml	39.8	29.9	49.7	Tosoh
	U/ml	33.9	26.0	41.8	Beckman Access
	U/ml	35.3	30.0	40.6	Beckman DxI800
	U/ml	41.2	35.0	47.4	Roche Cobas 6000
CA 19-9	U/ml	95.2	77.7	113	Abbott AXSYM
	U/ml	96.8	72.7	121	Siemens Immulite 1000
	U/ml	114	96.9	131	bioMerieux Vidas
	U/ml	79.8	67.8	91.8	Roche Elecsys
	U/ml	43.5	37.0	50.0	Tosoh
	U/ml	123	102	144	Bayer ADVIA Centaur
	U/ml	89.4	71.0	108	Siemens Immulite 2000/2500
	U/ml	406	328	484	Abbott Architect
	U/ml	176	150	202	Vitros ECi
	U/ml	120	102	138	Diasorin Liaison
	U/ml	82.4	70.0	94.8	Roche Modular E170
	U/ml	99.6	84.7	115	Beckman Access
	U/ml	95.4	81.1	110	Beckman DxI800
	U/ml	397	291	503	Abbott Architect XR kit
U/ml	78.4	66.6	90.2	Roche Cobas 6000	
CA125	U/ml	89.4	74.0	105	Abbott AXSYM
	U/ml	89.3	73.6	105	Siemens Immulite 1000
	U/ml	71.5	60.8	82.2	bioMerieux Vidas
	U/ml	81.1	68.9	93.3	Roche Elecsys
	U/ml	111	94.4	128	Tosoh
	U/ml	77.3	65.7	88.9	Bayer ADVIA Centaur OV kit
	U/ml	75.9	64.5	87.3	Siemens Immulite 2000/2500
	U/ml	74.4	63.2	85.6	Vitros ECi
	U/ml	78.9	67.1	90.7	Roche Modular E170
	U/ml	92.0	78.2	106	Abbott Architect
	U/ml	80.3	66.0	94.6	Bayer ADVIA Centaur CA125 II kit
	U/ml	78.5	66.7	90.3	Beckman Access
	U/ml	73.9	62.8	85.0	Beckman DxI800
	U/ml	84.4	71.7	97.1	Roche Cobas E411
U/ml	76.1	64.7	87.5	Roche Cobas 6000	
Carbamazepine	µmol/l	35.6	30.2	41.0	Vitros
	µg/ml	8.42	7.14	9.70	
	µmol/l	37.2	31.6	42.8	Abbott AXSYM
	µg/ml	8.79	7.47	10.1	
	µmol/l	38.2	27.1	49.3	Bayer ADVIA Centaur
	µg/ml	9.03	6.41	11.7	

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Carbamazepine	µmol/l	37.9	30.3	45.5	Abbott TDx
	µg/ml	8.96	7.16	10.8	
	µmol/l	34.8	29.6	40.0	Siemens Immulite 1000
	µg/ml	8.23	7.00	9.46	
	µmol/l	45.8	36.6	55.0	Roche Integra
	µg/ml	10.8	8.65	13.0	
	µmol/l	38.1	30.5	45.7	Hitachi 911/912/917
	µg/ml	9.01	7.21	10.8	
	µmol/l	33.9	28.8	39.0	Siemens Immulite 2000/2500
	µg/ml	8.01	6.81	9.21	
	µmol/l	37.8	32.1	43.5	Siemens Dimension
	µg/ml	8.94	7.59	10.3	
	µmol/l	40.1	32.1	48.1	Roche Modular E170
	µg/ml	9.48	7.59	11.4	
µmol/l	41.8	35.5	48.1	Abbott Architect	
µg/ml	9.88	8.39	11.4		
µmol/l	37.5	31.9	43.1	Beckman DxC	
µg/ml	8.87	7.54	10.2		
Carcinoembryonic Antigen (CEA)	ng/ml = µg/l	18.5	15.7	21.3	Abbott AXSYM
	ng/ml = µg/l	16.8	14.3	19.3	bioMerieux Vidas
	ng/ml = µg/l	26.0	20.6	31.4	Siemens Immulite 1000
	ng/ml = µg/l	16.0	13.6	18.4	Roche Elecsys
	ng/ml = µg/l	23.9	20.2	27.6	Tosoh
	ng/ml = µg/l	19.7	16.7	22.7	Vitros ECi
	ng/ml = µg/l	18.8	16.0	21.6	Beckman Access
	ng/ml = µg/l	19.3	16.2	22.4	Bayer ADVIA Centaur
	ng/ml = µg/l	23.3	19.8	26.8	Siemens Immulite 2000/2500
	ng/ml = µg/l	19.0	16.2	21.8	Abbott Architect
	ng/ml = µg/l	16.7	13.7	19.7	Diasorin Liaison
	ng/ml = µg/l	16.2	13.8	18.6	Roche Modular E170
	ng/ml = µg/l	17.3	14.7	19.9	Beckman DxI800
	ng/ml = µg/l	15.8	13.4	18.2	Roche Cobas 6000
ng/ml = µg/l	16.1	13.7	18.5	Roche Cobas E411	
Cortisol	nmol/l	671	552	790	Abbott AXSYM
	µg/dl	24.2	19.9	28.5	
	nmol/l	599	477	721	bioMerieux Vidas
	µg/dl	21.6	17.2	26.0	
	nmol/l	583	496	670	Bayer ACS 180
	µg/dl	21.0	17.9	24.1	
	nmol/l	725	548	902	Siemens Immulite 1000
	µg/dl	26.1	19.7	32.5	
	nmol/l	718	610	826	Siemens Coat-a-Count
	µg/dl	25.8	22.0	29.6	
nmol/l	693	589	797	Roche Elecsys	
µg/dl	24.9	21.2	28.6		
nmol/l	661	562	760	Beckman Access	
µg/dl	23.8	20.2	27.4		

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Cortisol	nmol/l	725	572	878	Bayer ADVIA Centaur
	µg/dl	26.1	20.6	31.6	
	nmol/l	698	593	803	Siemens Immulite 2000/2500
	µg/dl	25.1	21.3	28.9	
	nmol/l	580	460	700	Abbott Architect
	µg/dl	20.9	16.6	25.2	
	nmol/l	678	576	780	Roche Modular E170
	µg/dl	24.4	20.7	28.1	
nmol/l	657	558	756	Beckman DxI800	
µg/dl	23.7	20.1	27.3		
DHEA-S	nmol/l	731	621	841	Roche Cobas E411
	µg/dl	26.3	22.4	30.2	
	µmol/l	14.9	12.2	17.6	Siemens Immulite 1000
	µmol/l	14.1	12.0	16.2	Siemens Immulite 2000/2500
	µmol/l	19.0	16.2	21.8	Roche Elecsys
	µmol/l	19.5	16.6	22.4	Roche Modular E170
Digoxin	µmol/l	18.5	15.7	21.3	Abbott Architect
	µmol/l	18.9	16.1	21.7	Roche Cobas 6000
	nmol/l	3.01	2.19	3.83	Beckman Access
	ng/ml	2.35	1.71	2.99	
	nmol/l	3.10	2.64	3.56	Abbott AXSYM
	ng/ml	2.42	2.06	2.78	
	nmol/l	3.38	2.87	3.89	Vitros
	ng/ml	2.64	2.24	3.04	
	nmol/l	3.27	2.78	3.76	Siemens Immulite 1000
	ng/ml	2.55	2.17	2.93	
	nmol/l	2.83	2.41	3.25	bioMerieux Vidas
	ng/ml	2.21	1.88	2.54	
	nmol/l	3.24	2.75	3.73	Roche Elecsys
	ng/ml	2.53	2.15	2.91	
	nmol/l	3.25	2.76	3.74	Roche Integra
	ng/ml	2.54	2.16	2.92	
	nmol/l	3.38	2.81	3.95	Siemens Immulite 2000/2500
	ng/ml	2.64	2.19	3.09	
	nmol/l	3.14	2.67	3.61	Bayer ADVIA Centaur
	ng/ml	2.45	2.09	2.81	
nmol/l	3.41	2.90	3.92	Roche Modular E170	
ng/ml	2.66	2.26	3.06		
nmol/l	3.10	2.64	3.56	Abbott Architect	
ng/ml	2.42	2.06	2.78		
nmol/l	3.17	2.69	3.65	Siemens Dimension	
ng/ml	2.48	2.10	2.86		
Ferritin	ng/ml = µg/l	70.9	56.6	85.2	Abbott AXSYM
	ng/ml = µg/l	61.4	45.4	77.4	bioMerieux Vidas
	ng/ml = µg/l	51.8	44.0	59.6	Bayer ACS 180

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Ferritin	ng/ml = µg/l	71.0	57.8	84.2	Siemens Immulite 1000
	ng/ml = µg/l	69.1	56.2	82.0	Roche Elecsys
	ng/ml = µg/l	57.4	47.4	67.4	Beckman Access
	ng/ml = µg/l	52.4	44.5	60.3	Tosoh
	ng/ml = µg/l	41.8	35.5	48.1	Vitros ECI
	ng/ml = µg/l	62.6	48.4	76.8	Bayer ADVIA Centaur
	ng/ml = µg/l	59.3	48.7	69.9	Siemens Immulite 2000/2500
	ng/ml = µg/l	69.3	56.0	82.6	Abbott Architect
	ng/ml = µg/l	68.6	57.1	80.1	Roche Modular E170
	ng/ml = µg/l	65.4	53.3	77.5	Siemens Dimension
	ng/ml = µg/l	47.8	40.2	55.4	Beckman DxI800
	ng/ml = µg/l	72.0	61.2	82.8	Roche Cobas E411
	ng/ml = µg/l	65.9	56.0	75.8	Roche Cobas 6000
Folate	nmol/l	29.2	21.3	37.1	Abbott AXSYM
	ng/ml	12.9	9.39	16.4	
	nmol/l	24.2	20.6	27.8	Beckman Access
	ng/ml	10.7	9.08	12.3	
	nmol/l	25.9	18.9	32.9	Siemens Immulite 1000
	ng/ml	11.4	8.33	14.5	
	nmol/l	33.0	26.1	39.9	Roche Elecsys
	ng/ml	14.6	11.5	17.7	
	nmol/l	24.6	20.9	28.3	Siemens Immulite 2000
	ng/ml	10.8	9.22	12.4	
	nmol/l	26.3	21.8	30.8	Abbott Architect
	ng/ml	11.6	9.61	13.6	
	nmol/l	32.5	27.6	37.4	Roche Modular E170
	ng/ml	14.3	12.2	16.4	
	nmol/l	48.9	36.7	61.1	Bayer ADVIA Centaur (enhanced kit)
	ng/ml	21.6	16.2	27.0	
nmol/l	25.0	21.3	28.7	Beckman DxI800	
ng/ml	11.0	9.39	12.6		
nmol/l	27.5	23.4	31.6	Abbott Architect restandardised	
ng/ml	12.1	10.3	13.9		
Free T3	pmol/l	22.8	19.4	26.2	Tosoh
	ng/dl	1.48	1.26	1.70	
	pg/ml	14.8	12.6	17.0	
	pmol/l	17.9	14.9	20.9	Abbott AXSYM
	ng/dl	1.16	0.969	1.35	
	pg/ml	11.7	9.70	13.7	
	pmol/l	17.8	15.1	20.5	bioMerieux Vidas
	ng/dl	1.16	0.982	1.34	
	pg/ml	11.6	9.83	13.4	
	pmol/l	14.4	12.2	16.6	Bayer ACS 180
	ng/dl	0.936	0.793	1.08	
	pg/ml	9.37	7.94	10.8	
	pmol/l	19.6	16.7	22.5	Roche Elecsys
	ng/dl	1.27	1.09	1.45	
pg/ml	12.8	10.9	14.7		

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T3	pmol/l	15.1	12.5	17.7	Beckman Access
	ng/dl	0.982	0.813	1.15	
	pg/ml	9.83	8.14	11.5	
	pmol/l	12.6	10.0	15.2	Siemens Immulite 1000
	ng/dl	0.819	0.650	0.990	
	pg/ml	8.20	6.51	9.89	
	pmol/l	27.1	23.0	31.2	Vitros ECi
	ng/dl	1.76	1.50	2.02	
	pg/ml	17.6	15.0	20.2	
	pmol/l	15.3	13.0	17.6	Bayer ADVIA Centaur
	ng/dl	0.995	0.845	1.15	
	pg/ml	10.0	8.46	11.5	
	pmol/l	12.7	10.8	14.6	Siemens Immulite 2000/2500
	ng/dl	0.826	0.702	0.950	
	pg/ml	8.27	7.03	9.51	
	pmol/l	18.3	15.6	21.0	Abbott Architect
	ng/dl	1.19	1.01	1.37	
	pg/ml	11.9	10.2	13.6	
	pmol/l	15.5	13.2	17.8	Diasorin Liaison
	ng/dl	1.01	0.858	1.16	
	pg/ml	10.1	8.59	11.6	
pmol/l	19.7	16.7	22.7	Roche Modular E170	
ng/dl	1.28	1.09	1.47		
pg/ml	12.8	10.9	14.7		
pmol/l	14.0	11.9	16.1	Beckman Dxl800	
ng/dl	0.910	0.774	1.05		
pg/ml	9.11	7.75	10.5		
pmol/l	19.4	16.5	22.3	Roche Cobas E411	
ng/dl	1.26	1.07	1.45		
pg/ml	12.6	10.7	14.5		
pmol/l	19.8	16.8	22.8	Roche Cobas 6000	
ng/dl	1.29	1.09	1.49		
pg/ml	12.9	10.9	14.9		
Free T4	pmol/l	24.0	20.4	27.6	Abbott AXSYM
	ng/dl	1.87	1.59	2.15	
	pg/ml	18.7	15.9	21.5	
	pmol/l	32.2	26.8	37.6	bioMerieux Vidas
	ng/dl	2.51	2.09	2.93	
	pg/ml	25.1	20.9	29.3	
	pmol/l	29.1	24.3	33.9	Bayer ACS 180
	ng/dl	2.27	1.90	2.64	
	pg/ml	22.7	19.0	26.4	
	pmol/l	37.8	31.5	44.1	Siemens Immulite 1000
	ng/dl	2.95	2.46	3.44	
	pg/ml	29.5	24.6	34.4	

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T4	pmol/l	39.1	33.2	45.0	Roche Elecsys
	ng/dl	3.05	2.59	3.51	
	pg/ml	30.5	25.9	35.1	
	pmol/l	35.0	29.8	40.2	Beckman Access
	ng/dl	2.73	2.32	3.14	
	pg/ml	27.3	23.2	31.4	
	pmol/l	43.9	37.3	50.5	Tosoh
	ng/dl	3.42	2.91	3.93	
	pg/ml	34.2	29.1	39.3	
	pmol/l	54.1	46.0	62.2	Vitros ECI
	ng/dl	4.22	3.59	4.85	
	pg/ml	42.2	35.9	48.5	
	pmol/l	31.1	26.4	35.8	Bayer ADVIA Centaur
	ng/dl	2.43	2.06	2.80	
	pg/ml	24.3	20.6	28.0	
	pmol/l	39.1	33.2	45.0	Siemens Immulite 2000/2500
	ng/dl	3.05	2.59	3.51	
	pg/ml	30.5	25.9	35.1	
	pmol/l	30.7	26.1	35.3	Abbott Architect
	ng/dl	2.39	2.04	2.74	
	pg/ml	23.9	20.4	27.4	
pmol/l	58.4	49.6	67.2	Diasorin Liaison	
ng/dl	4.56	3.87	5.25		
pg/ml	45.6	38.7	52.5		
pmol/l	38.9	33.1	44.7	Roche Modular E170	
ng/dl	3.03	2.58	3.48		
pg/ml	30.3	25.8	34.8		
pmol/l	34.2	29.1	39.3	Beckman Dxl800	
ng/dl	2.67	2.27	3.07		
pg/ml	26.7	22.7	30.7		
pmol/l	39.5	33.6	45.4	Roche Cobas 6000	
ng/dl	3.08	2.62	3.54		
pg/ml	30.8	26.2	35.4		
pmol/l	38.5	32.7	44.3	Roche Cobas E411	
ng/dl	3.00	2.55	3.45		
pg/ml	30.0	25.5	34.5		
FSH	mU/ml	33.8	28.7	38.9	Tosoh
	mU/ml	29.4	25.0	33.8	Siemens Immulite 1000
	mU/ml	35.6	30.3	40.9	Bayer ACS 180
	mU/ml	35.0	29.8	40.2	bioMerieux Vidas
	mU/ml	27.9	23.7	32.1	Abbott AXSYM
	mU/ml	35.2	29.9	40.5	Beckman Access
	mU/ml	31.8	27.0	36.6	Roche/BM Elecsys
	mU/ml	25.0	21.3	28.7	Vitros ECI
	mU/ml	30.8	26.2	35.4	Bayer ADVIA Centaur

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
FSH	mU/ml	30.2	25.7	34.7	Siemens Immulite 2000/2500
	mU/ml	27.4	23.3	31.5	Abbott Architect
	mU/ml	35.2	26.4	44.0	Diasorin Liaison
	mU/ml	29.3	24.9	33.7	Roche Modular E170
	mU/ml	34.7	29.5	39.9	Beckman DxI800
	mU/ml	32.5	27.6	37.4	Roche Cobas E411
	mU/ml	29.6	25.2	34.0	Roche Cobas 6000
Growth Hormone (GH)	µU/ml	29.7	25.2	34.2	Siemens Immulite 1000
	µU/ml	28.7	24.2	33.2	Siemens Immulite 2000/2500
Human Chorionic Gonadotrophin (HCG)	mU/ml	29.2	24.8	33.6	Abbott AXSYM
	mU/ml	29.4	24.9	33.9	bioMerieux Vidas
	mU/ml	29.1	23.7	34.5	Siemens Immulite 1000
	mU/ml	27.0	23.0	31.0	Roche Elecsys HCG + Beta
	mU/ml	25.6	21.8	29.4	Beckman Access
	mU/ml	28.9	24.6	33.2	Tosoh
	mU/ml	30.0	25.5	34.5	Vitros ECi
	mU/ml	29.8	25.3	34.3	Bayer ADVIA Centaur
	mU/ml	32.9	27.5	38.3	Siemens Immulite 2000
	mU/ml	28.1	23.9	32.3	Abbott Architect
	mU/ml	21.9	18.6	25.2	Diasorin Liaison
	mU/ml	26.2	22.3	30.1	Roche Modular E170
	mU/ml	27.5	23.4	31.6	Siemens Dimension
	mU/ml	26.8	22.8	30.8	Beckman DxI800
	mU/ml	26.8	22.8	30.8	Roche Elecsys HCG STAT Intact
	mU/ml	24.5	17.7	31.3	Roche Cobas E411
	mU/ml	26.8	22.8	30.8	Roche Cobas 6000
Immunoglobulin E	KIU/l = IU/ml	85.0	72.3	97.7	Bayer ACS 180
	KIU/l = IU/ml	96.9	82.4	111	Siemens Immulite 1000
	KIU/l = IU/ml	83.2	68.8	97.6	bioMerieux Vidas
	KIU/l = IU/ml	84.8	72.1	97.5	Beckman Access
	KIU/l = IU/ml	87.3	69.6	105	Pharmacia Unicap
	KIU/l = IU/ml	99.7	84.7	115	Roche Elecsys
	KIU/l = IU/ml	85.6	72.8	98.4	Tosoh
	KIU/l = IU/ml	87.5	74.4	101	Bayer ADVIA Centaur
	KIU/l = IU/ml	96.2	81.0	111	Siemens Immulite 2000/2500
	KIU/l = IU/ml	97.6	83.0	112	Roche Modular E170
Insulin	mU/l	10.7	9.10	12.3	Bayer ADVIA Centaur
	mU/l	9.57	8.13	11.0	Abbott AXSYM
	mU/l	2.18	1.72	2.64	Siemens Immulite 1000
	mU/l	8.02	6.82	9.22	Roche Modular E170
	mU/l	2.02	1.72	2.32	Siemens Immulite 2000
	mU/l	7.63	6.49	8.77	Roche Elecsys
	mU/l	8.30	7.06	9.54	Roche Cobas E411
	mU/l	7.79	6.62	8.96	Roche Cobas 6000
	mU/l	8.33	7.08	9.58	Beckman DxI800
Luteinising Hormone	mU/ml	40.7	34.0	47.4	Abbott AXSYM

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Luteinising Hormone (LH)	mU/ml	30.3	25.8	34.8	Beckman Access
	mU/ml	33.6	28.6	38.6	bioMerieux Vidas
	mU/ml	47.2	40.1	54.3	Siemens Immulite 1000
	mU/ml	35.5	30.2	40.8	Tosoh
	mU/ml	37.9	32.2	43.6	Roche Elecsys
	mU/ml	50.1	42.6	57.6	Vitros ECi
	mU/ml	39.5	33.6	45.4	Bayer ADVIA Centaur
	mU/ml	48.9	40.3	57.5	Siemens Immulite 2000
	mU/ml	34.0	28.2	39.8	Abbott Architect
	mU/ml	45.4	38.6	52.2	Diasorin Liaison
	mU/ml	37.9	32.2	43.6	Roche Modular E170
	mU/ml	31.2	26.5	35.9	Beckman Dxl800
	mU/ml	39.6	33.7	45.5	Roche Cobas E411
	mU/ml	37.0	31.5	42.5	Roche Cobas 6000
Oestradiol	pmol/l	856	728	984	Abbott AXSYM
	pg/ml	233	198	268	
	pmol/l	877	745	1009	bioMerieux Vidas
	pg/ml	239	203	275	
	pmol/l	839	659	1019	Siemens Immulite 1000
	pg/ml	228	179	277	
	pmol/l	936	796	1076	Tosoh
	pg/ml	255	217	293	
	pmol/l	957	811	1103	Roche Elecsys
	pg/ml	260	221	299	
	pmol/l	827	585	1069	Vitros ECi
	pg/ml	225	159	291	
	pmol/l	949	807	1091	Beckman Access
	pg/ml	258	220	296	
	pmol/l	844	661	1027	Bayer ADVIA Centaur
	pg/ml	230	180	280	
	pmol/l	819	696	942	Siemens Immulite 2000/2500
	pg/ml	223	189	257	
	pmol/l	813	691	935	Abbott Architect
	pg/ml	221	188	254	
pmol/l	1007	856	1158	Roche Modular E170	
pg/ml	274	233	315		
pmol/l	904	759	1049	Beckman Dxl800	
pg/ml	246	206	286		
pmol/l	1008	857	1159	Roche Cobas 6000	
pg/ml	274	233	315		
pmol/l	999	849	1149	Roche Cobas E411	
pg/ml	272	231	313		
Parathyroid Hormone (PTH)	pmol/l	13.3	11.0	15.6	Siemens Immulite 1000
	pg/ml	126	104	148	
	pmol/l	15.2	12.9	17.5	Siemens Immulite 2000
	pg/ml	144	123	165	

IMMUNOASSAY CONTROL LEVEL 2

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Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Parathyroid Hormone (PTH)	pmol/l	12.6	10.3	14.9	Roche Elecsys	
	pg/ml	120	97.8	142		
	pmol/l	13.4	11.0	15.8	Roche Modular E170	
	pg/ml	127	104	150		
	pmol/l	24.6	20.8	28.4	Abbott Architect	
	pg/ml	234	198	270		
	pmol/l	14.9	12.7	17.1	Roche Cobas E411	
	pg/ml	142	121	163		
	pmol/l	15.9	13.5	18.3	Beckman DxI800	
	pg/ml	151	128	174		
	Phenytoin	µmol/l	68.4	55.8	81.0	Bayer ADVIA Centaur
		µg/ml	17.3	14.1	20.5	
µmol/l		60.5	51.4	69.6	Abbott AXSYM	
µg/ml		15.3	13.0	17.6		
µmol/l		53.7	45.6	61.8	Vitros	
µg/ml		13.6	11.5	15.7		
µmol/l		59.4	45.8	73.0	Siemens Immulite 1000	
µg/ml		15.0	11.6	18.4		
µmol/l		60.1	51.1	69.1	Roche Modular E170	
µg/ml		15.2	12.9	17.5		
µmol/l		57.2	45.4	69.0	Abbott Architect	
µg/ml		14.4	11.5	17.3		
Progesterone	nmol/l	36.1	29.3	42.9	Beckman Access	
	ng/ml	11.3	9.17	13.4		
	nmol/l	30.1	25.4	34.8	Abbott AXSYM	
	ng/ml	9.42	7.95	10.9		
	nmol/l	36.9	27.7	46.1	Siemens Immulite 1000	
	ng/ml	11.5	8.67	14.4		
	nmol/l	38.1	32.4	43.8	Tosoh	
	ng/ml	11.9	10.1	13.7		
	nmol/l	35.3	30.0	40.6	bioMerieux Vidas	
	ng/ml	11.0	9.39	12.6		
	nmol/l	31.5	26.8	36.2	Roche Elecsys	
	ng/ml	9.86	8.39	11.3		
	nmol/l	35.7	30.3	41.1	Vitros ECi	
	ng/ml	11.2	9.48	12.9		
	nmol/l	30.2	25.7	34.7	Bayer ADVIA Centaur	
	ng/ml	9.45	8.04	10.9		
	nmol/l	29.7	24.2	35.2	Siemens Immulite 2000/2500	
	ng/ml	9.30	7.57	11.0		
	nmol/l	32.0	27.2	36.8	Roche Modular E170	
	ng/ml	10.0	8.51	11.5		
nmol/l	35.9	30.0	41.8	Beckman DxI800		
ng/ml	11.2	9.39	13.0			
nmol/l	32.3	27.5	37.1	Roche Cobas E411		
ng/ml	10.1	8.61	11.6			

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Prolactin	µU/ml	546	464	628	Beckman Access
	µU/ml	650	553	747	Abbott AXSYM
	µU/ml	531	451	611	bioMerieux Vidas
	µU/ml	559	475	643	Siemens Immulite 1000
	µU/ml	465	395	535	Roche Elecsys
	µU/ml	530	451	609	Vitros ECi
	µU/ml	547	465	629	Bayer ADVIA Centaur
	µU/ml	511	434	588	Siemens Immulite 2000/2500
	µU/ml	570	485	655	Abbott Architect
	µU/ml	542	461	623	Diasorin Liaison
	µU/ml	476	405	547	Roche Modular E170
	µU/ml	550	468	632	Beckman Dxl800
	µU/ml	465	395	535	Roche Modular E170 2nd Gen prolactin II
	µU/ml	468	398	538	Roche Elecsys 2nd Gen. prolactin II
	µU/ml	485	412	558	Roche Cobas E411
µU/ml	469	399	539	Roche Cobas 6000	
PSA Free	ng/ml = µg/l	8.66	7.36	9.96	Siemens Immulite 1000
	ng/ml = µg/l	8.72	7.41	10.0	Siemens Immulite 2000/2500
	ng/ml = µg/l	7.66	6.51	8.81	Abbott Axsym - monoclonal
	ng/ml = µg/l	8.36	7.11	9.61	Roche Elecsys
	ng/ml = µg/l	9.35	7.95	10.8	Abbott Architect
	ng/ml = µg/l	13.3	11.3	15.3	Beckman Access
	ng/ml = µg/l	12.6	10.7	14.5	Beckman Access (Hybritech)
	ng/ml = µg/l	3.72	3.10	4.34	Diasorin Liaison
	ng/ml = µg/l	8.85	7.52	10.2	Roche Modular E170
	ng/ml = µg/l	12.6	10.7	14.5	Beckman Dxl800
ng/ml = µg/l	8.73	7.42	10.0	Roche Cobas 6000	
PSA Total	ng/ml = µg/l	8.28	7.04	9.52	Abbott Axsym - polyclonal
	ng/ml = µg/l	8.46	7.19	9.73	Abbott Axsym - monoclonal
	ng/ml = µg/l	10.5	7.90	13.1	bioMerieux Vidas
	ng/ml = µg/l	7.93	6.74	9.12	DPC Immulite 1000 1st generation
	ng/ml = µg/l	13.2	11.2	15.2	Roche Elecsys
	ng/ml = µg/l	7.47	6.35	8.59	Tosoh
	ng/ml = µg/l	11.8	10.0	13.6	Beckman Access-non-standardised results
	ng/ml = µg/l	10.3	8.76	11.8	Bayer ADVIA Centaur (equimolar)
	ng/ml = µg/l	10.2	8.67	11.7	bioMerieux VIDAS TPSA
	ng/ml = µg/l	10.6	9.01	12.2	Bayer ADVIA Centaur
	ng/ml = µg/l	7.84	6.66	9.02	DPC Immulite 2000/2500 1st generation
	ng/ml = µg/l	10.6	9.01	12.2	Abbott Architect
	ng/ml = µg/l	6.81	5.11	8.51	DPC Immulite 1000 3rd generation
	ng/ml = µg/l	5.93	4.55	7.31	DPC Immulite 2000/2500 3rd generation
	ng/ml = µg/l	4.41	3.68	5.14	Vitros ECi
	ng/ml = µg/l	4.70	4.00	5.40	Diasorin Liaison
	ng/ml = µg/l	13.1	11.1	15.1	Roche Modular E170
ng/ml = µg/l	9.32	7.92	10.7	Siemens Dimension equimolar	
ng/ml = µg/l	12.0	10.2	13.8	Beckman Access standardised to IRP96/670	

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
PSA Total	ng/ml = µg/l	11.7	9.95	13.5	Beckman Dxl800 non-standardised
	ng/ml = µg/l	12.9	11.0	14.8	Roche Cobas E411
	ng/ml = µg/l	12.7	10.8	14.6	Roche Cobas 6000
SHBG	nmol/l	40.7	33.4	48.0	Siemens Immulite 1000
	nmol/l	35.4	30.1	40.7	Siemens Immulite 2000/2500
	nmol/l	37.0	26.5	47.5	Roche Elecsys
	nmol/l	41.3	35.1	47.5	Roche Modular E170
T Uptake	%U	45.8	37.6	54.0	Siemens Immulite 1000
Testosterone	nmol/l	15.2	12.1	18.3	Abbott AXSYM
	ng/ml	4.38	3.48	5.28	
	ng/dl	438	348	528	
	nmol/l	27.5	20.6	34.4	Siemens Immulite 1000
	ng/ml	7.92	5.93	9.91	
	ng/dl	792	593	991	
	nmol/l	20.6	17.5	23.7	Roche Elecsys
	ng/ml	5.93	5.04	6.82	
	ng/dl	593	504	682	
	nmol/l	22.7	18.2	27.2	Vitros ECi
	ng/ml	6.54	5.24	7.84	
	ng/dl	654	524	784	
	nmol/l	16.4	13.3	19.5	Bayer ADVIA Centaur
	ng/ml	4.72	3.83	5.61	
	ng/dl	472	383	561	
	nmol/l	22.5	18.2	26.8	Siemens Immulite 2000/2500
	ng/ml	6.48	5.24	7.72	
	ng/dl	648	524	772	
	nmol/l	21.1	17.9	24.3	Abbott Architect
	ng/ml	6.08	5.16	7.00	
	ng/dl	608	516	700	
nmol/l	25.5	21.5	29.5	bioMerieux Vidas	
ng/ml	7.34	6.19	8.49		
ng/dl	734	619	849		
nmol/l	18.0	15.2	20.8	Beckman Access	
ng/ml	5.18	4.38	5.98		
ng/dl	518	438	598		
nmol/l	21.6	18.4	24.8	Roche Modular E170	
ng/ml	6.22	5.30	7.14		
ng/dl	622	530	714		
nmol/l	16.6	14.1	19.1	Beckman Dxl800	
ng/ml	4.78	4.06	5.50		
ng/dl	478	406	550		
nmol/l	20.4	17.3	23.5	Roche Cobas E411	
ng/ml	5.88	4.98	6.78		
ng/dl	588	498	678		
nmol/l	22.2	18.9	25.5	Roche Cobas 6000	
ng/ml	6.39	5.44	7.34		
ng/dl	639	544	734		

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Theophylline	µmol/l	84.1	71.5	96.7	Abbott AXSYM	
	µg/ml	15.2	12.9	17.5		
	µmol/l	81.4	69.2	93.6	Abbott TDx	
	µg/ml	14.7	12.5	16.9		
	µmol/l	106	75.4	137	Vitros	
	µg/ml	19.1	13.6	24.6		
	µmol/l	87.0	74.0	100	Roche Integra	
	µg/ml	15.7	13.3	18.1		
	µmol/l	86.4	73.4	99.4	Abbott Architect	
	µg/ml	15.6	13.2	18.0		
	Thyroglobulin	ng/ml	18.3	14.1	22.5	Siemens Immulite 1000
		ng/ml	17.6	14.9	20.3	Siemens Immulite 2000
ng/ml		36.4	30.9	41.9	Roche Elecsys	
ng/ml		37.2	31.6	42.8	Roche Modular E170	
ng/ml		40.0	34.0	46.0	Roche Cobas E411	
Thyroid Stimulating Hormone	µU/ml = mIU/l	2.75	2.28	3.22	Abbott AxSYM Ultrasensitive hTSH II	
	µU/ml = mIU/l	3.08	2.62	3.54	bioMerieux VIDAS TSH	
	µU/ml = mIU/l	2.94	2.50	3.38	Siemens Immulite 1000	
	µU/ml = mIU/l	2.97	2.52	3.42	Roche Elecsys	
	µU/ml = mIU/l	2.78	2.36	3.20	Beckman Access hyperTSH 3rd Generation	
	µU/ml = mIU/l	3.11	2.64	3.58	Tosoh	
	µU/ml = mIU/l	3.57	3.03	4.11	Vitros ECi	
	µU/ml = mIU/l	2.95	2.51	3.39	Bayer ADVIA Centaur	
	µU/ml = mIU/l	2.93	2.49	3.37	Siemens Immulite 2000/2500	
	µU/ml = mIU/l	2.42	2.06	2.78	Abbott Architect Ultrasensitive hTSH II	
	µU/ml = mIU/l	3.12	2.57	3.67	Abbott AxSYM 3rd generation	
	µU/ml = mIU/l	3.39	2.88	3.90	Diasorin Liaison	
	µU/ml = mIU/l	3.01	2.56	3.46	Roche Modular E170	
	µU/ml = mIU/l	2.84	2.38	3.30	Siemens Dimension	
	µU/ml = mIU/l	3.32	2.82	3.82	bioMerieux VIDAS TSH3 Ultrasensitive	
	µU/ml = mIU/l	2.78	2.36	3.20	Beckman Dxl800	
	µU/ml = mIU/l	2.58	2.19	2.97	Beckman Dxl800 Fast TSH	
	µU/ml = mIU/l	2.70	2.30	3.10	Bayer Advia Centaur 3rd Generation	
	µU/ml = mIU/l	2.97	2.52	3.42	Roche Cobas E411	
	µU/ml = mIU/l	3.05	2.59	3.51	Roche Cobas 6000	
Total T3	nmol/l	5.39	4.58	6.20	Abbott AXSYM	
	ng/ml	3.51	2.98	4.04		
	ng/dl	351	298	404		
	nmol/l	5.24	4.45	6.03	bioMerieux Vidas	
	ng/ml	3.41	2.90	3.92		
	ng/dl	341	290	392		
	nmol/l	5.11	4.16	6.06	Siemens Immulite 1000	
	ng/ml	3.33	2.71	3.95		
	ng/dl	333	271	395		
	nmol/l	5.23	4.45	6.01	Roche Elecsys	
	ng/ml	3.40	2.90	3.90		
	ng/dl	340	290	390		

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T3	nmol/l	4.61	3.92	5.30	Beckman Access
	ng/ml	3.00	2.55	3.45	
	ng/dl	300	255	345	
	nmol/l	4.96	4.22	5.70	Tosoh
	ng/ml	3.23	2.75	3.71	
	ng/dl	323	275	371	
	nmol/l	5.32	4.52	6.12	Bayer ADVIA Centaur
	ng/ml	3.46	2.94	3.98	
	ng/dl	346	294	398	
	nmol/l	4.99	4.24	5.74	Siemens Immulite 2000/2500
	ng/ml	3.25	2.76	3.74	
	ng/dl	325	276	374	
	nmol/l	4.83	4.11	5.55	Abbott Architect
	ng/ml	3.14	2.68	3.60	
	ng/dl	314	268	360	
	nmol/l	5.28	4.49	6.07	Vitros ECi
	ng/ml	3.44	2.92	3.96	
	ng/dl	344	292	396	
nmol/l	4.92	4.18	5.66	Roche Modular E170	
ng/ml	3.20	2.72	3.68		
ng/dl	320	272	368		
nmol/l	4.55	3.39	5.71	Beckman DxI800	
ng/ml	2.96	2.21	3.71		
ng/dl	296	221	371		
nmol/l	5.35	4.55	6.15	Roche Cobas E411	
ng/ml	3.48	2.96	4.00		
ng/dl	348	296	400		
Total T4	nmol/l	159	135	183	Vitros ECi
	µg/dl	12.4	10.5	14.3	
	ng/ml	124	105	143	
	nmol/l	165	140	190	Abbott AXSYM
	µg/dl	12.9	10.9	14.9	
	ng/ml	129	109	149	
	nmol/l	164	139	189	bioMerieux Vidas
	µg/dl	12.8	10.8	14.8	
	ng/ml	128	108	148	
	nmol/l	157	132	182	Siemens Immulite 1000
	µg/dl	12.2	10.3	14.1	
	ng/ml	122	103	141	
	nmol/l	154	131	177	Roche Elecsys
	µg/dl	12.0	10.2	13.8	
	ng/ml	120	102	138	
nmol/l	152	124	180	Beckman Access	
µg/dl	11.9	9.67	14.1		
ng/ml	119	96.7	141		

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T4	nmol/l	153	130	176	Tosoh
	µg/dl	11.9	10.1	13.7	
	ng/ml	119	101	137	
	nmol/l	161	137	185	Bayer ADVIA Centaur
	µg/dl	12.6	10.7	14.5	
	ng/ml	126	107	145	
	nmol/l	159	135	183	Siemens Immulite 2000/2500
	µg/dl	12.4	10.5	14.3	
	ng/ml	124	105	143	
	nmol/l	167	142	192	Abbott Architect
	µg/dl	13.0	11.1	14.9	
	ng/ml	130	111	149	
	nmol/l	150	128	172	Roche Modular E170
	µg/dl	11.7	9.98	13.4	
	ng/ml	117	99.8	134	
nmol/l	151	128	174	Beckman Dxl800	
µg/dl	11.8	9.98	13.6		
ng/ml	118	99.8	136		
Valproic Acid	µmol/l	547	465	629	Abbott AXSYM
	µg/ml	78.9	67.1	90.7	
	µmol/l	559	475	643	Siemens Immulite 1000
	µg/ml	80.7	68.5	92.9	
	µmol/l	593	504	682	Hitachi 911/912/917
	µg/ml	85.6	72.7	98.5	
	µmol/l	573	487	659	Roche Integra
	µg/ml	82.7	70.3	95.1	
	µmol/l	563	479	647	Siemens Immulite 2000/2500
	µg/ml	81.2	69.1	93.3	
	µmol/l	540	459	621	Bayer ADVIA Centaur
	µg/ml	77.9	66.2	89.6	
	µmol/l	569	459	679	Vitros
	µg/ml	82.1	66.2	98.0	
	µmol/l	562	478	646	Siemens Dimension
	µg/ml	81.1	69.0	93.2	
	µmol/l	560	476	644	Roche Modular E170
	µg/ml	80.8	68.7	92.9	
µmol/l	534	454	614	Abbott Architect	
µg/ml	77.1	65.5	88.7		
µmol/l	541	460	622	Beckman DxC	
µg/ml	78.1	66.4	89.8		
µg/ml	75.2	63.9	86.5		
Vitamin B12	pmol/l	478	406	550	Abbott AXSYM
	pg/ml	648	550	746	
	pmol/l	483	411	555	Roche Elecsys
	pg/ml	654	557	751	

IMMUNOASSAY CONTROL LEVEL 2

Art.-Nr.: KG2639/KG2633 Ch.-B.: 696EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Vitamin B12	pmol/l	435	335	535	Beckman Access
	pg/ml	589	454	724	
	pmol/l	500	375	625	Siemens Immulite 1000
	pg/ml	678	508	848	
	pmol/l	507	431	583	Bayer ADVIA Centaur
	pg/ml	687	584	790	
	pmol/l	472	361	583	Siemens Immulite 2000
	pg/ml	640	489	791	
	pmol/l	441	375	507	Abbott Architect
	pg/ml	598	508	688	
	pmol/l	518	440	596	Vitros ECi
	pg/ml	702	596	808	
	pmol/l	501	426	576	Roche Modular E170
	pg/ml	679	577	781	
	pmol/l	416	352	480	Beckman DxI800
	pg/ml	564	477	651	
pmol/l	489	416	562	Roche Cobas 6000	
pg/ml	663	564	762		

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
17-OH-Progesterone	nmol/l	68.2	51.2	85.3	Siemens Coat-a-Count
	ng/ml	22.6	16.9	28.3	
Alphafoetoprotein	KIU/l = IU/ml	198	157	239	Abbott AXSYM
	ng/ml	240	190	290	
	KIU/l = IU/ml	175	149	201	bioMerieux Vidas
	ng/ml	212	180	244	
	KIU/l = IU/ml	175	149	201	Siemens Immulite 1000
	ng/ml	212	180	244	
	KIU/l = IU/ml	183	156	210	Roche Elecsys
	ng/ml	221	189	253	
	KIU/l = IU/ml	175	148	202	Beckman Access
	ng/ml	212	179	245	
	KIU/l = IU/ml	173	147	199	Bayer ADVIA Centaur
	ng/ml	209	178	240	
	KIU/l = IU/ml	168	143	193	Siemens Immulite 2000/2500
	ng/ml	203	173	233	
	KIU/l = IU/ml	204	163	245	Abbott Architect
	ng/ml	247	197	297	
KIU/l = IU/ml	187	159	215	Roche Modular E170	
ng/ml	226	192	260		
KIU/l = IU/ml	178	125	231	Beckman DxI800	
ng/ml	215	151	279		
KIU/l = IU/ml	184	156	212	Roche Cobas 6000	
ng/ml	223	189	257		
Beta-2-microglobulin	µg/ml = mg/l	7.88	5.91	9.85	Siemens Immulite 1000
	µg/ml = mg/l	8.26	7.02	9.50	bioMerieux Vidas
	µg/ml = mg/l	8.19	6.96	9.42	Roche Tinaquant
	µg/ml = mg/l	6.66	5.56	7.76	Abbott AXSYM
	µg/ml = mg/l	7.71	6.55	8.87	Siemens Immulite 2000/2500
CA 15-3	U/ml	78.5	66.7	90.3	Roche Elecsys
	U/ml	73.2	62.2	84.2	bioMerieux Vidas
	U/ml	86.1	73.2	99.0	Bayer ADVIA Centaur
	U/ml	87.3	74.2	100	Abbott Architect
	U/ml	137	111	163	Siemens Immulite 2000/2500
	U/ml	76.1	64.1	88.1	Abbott AXSYM
	U/ml	159	135	183	Siemens Immulite 1000
	U/ml	76.3	64.9	87.7	Vitros ECi
	U/ml	86.0	73.1	98.9	Diasorin Liaison
	U/ml	77.9	66.2	89.6	Roche Modular E170
	U/ml	67.7	51.2	84.2	Beckman Access
	U/ml	73.6	57.7	89.5	Beckman DxI800
U/ml	81.3	69.1	93.5	Roche Cobas 6000	

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
CA 19-9	U/ml	186	150	222	Abbott AXSYM
	U/ml	204	165	243	Siemens Immulite 1000
	U/ml	240	204	276	bioMerieux Vidas
	U/ml	154	131	177	Roche Elecsys
	U/ml	236	198	274	Bayer ADVIA Centaur
	U/ml	162	133	191	Siemens Immulite 2000/2500
	U/ml	800	561	1039	Abbott Architect
	U/ml	343	280	406	Vitros ECi
	U/ml	230	196	264	Diasorin Liaison
	U/ml	155	132	178	Roche Modular E170
	U/ml	207	176	238	Beckman Access
	U/ml	190	162	218	Beckman Dxl800
	U/ml	795	620	970	Abbott Architect XR kit
	U/ml	153	130	176	Roche Cobas 6000
CA125	U/ml	172	140	204	Abbott AXSYM
	U/ml	174	148	200	Siemens Immulite 1000
	U/ml	143	122	164	bioMerieux Vidas
	U/ml	152	129	175	Roche Elecsys
	U/ml	160	136	184	Bayer ADVIA Centaur OV kit
	U/ml	144	122	166	Siemens Immulite 2000/2500
	U/ml	149	127	171	Vitros ECi
	U/ml	147	125	169	Roche Modular E170
	U/ml	175	149	201	Abbott Architect
	U/ml	150	126	174	Bayer ADVIA Centaur CA125 II kit
	U/ml	146	124	168	Beckman Access
	U/ml	143	122	164	Beckman Dxl800
	U/ml	160	136	184	Roche Cobas E411
	U/ml	146	124	168	Roche Cobas 6000
Carbamazepine	µmol/l	69.9	55.0	84.8	Vitros
	µg/ml	16.5	13.0	20.0	
	µmol/l	66.4	56.4	76.4	Abbott AXSYM
	µg/ml	15.7	13.3	18.1	
	µmol/l	61.5	52.3	70.7	Bayer ADVIA Centaur
	µg/ml	14.5	12.4	16.6	
	µmol/l	68.3	54.6	82.0	Abbott TDx
	µg/ml	16.1	12.9	19.3	
	µmol/l	62.7	53.3	72.1	Siemens Immulite 1000
	µg/ml	14.8	12.6	17.0	
	µmol/l	82.1	69.8	94.4	Roche Integra
	µg/ml	19.4	16.5	22.3	
	µmol/l	73.1	62.1	84.1	Hitachi 911/912/917
	µg/ml	17.3	14.7	19.9	
µmol/l	63.4	53.9	72.9	Siemens Immulite 2000/2500	
µg/ml	15.0	12.7	17.3		
µmol/l	65.7	55.8	75.6	Siemens Dimension	
µg/ml	15.5	13.2	17.8		

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Carbamazepine	µmol/l	78.4	66.6	90.2	Roche Modular E170
	µg/ml	18.5	15.7	21.3	
	µmol/l	75.6	64.3	86.9	Abbott Architect
	µg/ml	17.9	15.2	20.6	
Carcinoembryonic Antigen (CEA)	ng/ml = µg/l	38.2	32.5	43.9	Abbott AXSYM
	ng/ml = µg/l	35.9	30.5	41.3	bioMerieux Vidas
	ng/ml = µg/l	53.3	44.5	62.1	Siemens Immulite 1000
	ng/ml = µg/l	32.5	27.6	37.4	Roche Elecsys
	ng/ml = µg/l	47.7	40.5	54.9	Tosoh
	ng/ml = µg/l	40.8	34.7	46.9	Vitros Eci
	ng/ml = µg/l	38.3	32.6	44.0	Beckman Access
	ng/ml = µg/l	41.0	34.1	47.9	Bayer ADVIA Centaur
	ng/ml = µg/l	49.1	41.7	56.5	Siemens Immulite 2000/2500
	ng/ml = µg/l	39.1	33.2	45.0	Abbott Architect
	ng/ml = µg/l	36.9	31.4	42.4	Diasorin Liaison
	ng/ml = µg/l	33.5	28.5	38.5	Roche Modular E170
	ng/ml = µg/l	36.1	30.7	41.5	Beckman DxI800
	ng/ml = µg/l	32.3	27.5	37.1	Roche Cobas 6000
ng/ml = µg/l	33.6	28.6	38.6	Roche Cobas E411	
Cortisol	nmol/l	1030	838	1222	Abbott AXSYM
	µg/dl	37.1	30.2	44.0	
	nmol/l	939	755	1123	bioMerieux Vidas
	µg/dl	33.8	27.2	40.4	
	nmol/l	1107	941	1273	Siemens Immulite 1000
	µg/dl	39.9	33.9	45.9	
	nmol/l	1044	887	1201	Roche Elecsys
	µg/dl	37.6	31.9	43.3	
	nmol/l	1053	781	1325	Beckman Access
	µg/dl	37.9	28.1	47.7	
	nmol/l	1009	807	1211	Tosoh
	µg/dl	36.3	29.1	43.5	
	nmol/l	1038	859	1217	Bayer ADVIA Centaur
	µg/dl	37.4	30.9	43.9	
	nmol/l	1020	867	1173	Siemens Immulite 2000/2500
	µg/dl	36.7	31.2	42.2	
	nmol/l	953	800	1106	Abbott Architect
	µg/dl	34.3	28.8	39.8	
nmol/l	1008	857	1159	Roche Modular E170	
µg/dl	36.3	30.9	41.7		
nmol/l	1023	870	1176	Beckman DxI800	
µg/dl	36.8	31.3	42.3		
DHEA-S	µmol/l	24.1	19.7	28.5	Siemens Immulite 1000
	µmol/l	24.3	20.7	27.9	Siemens Immulite 2000/2500
	µmol/l	30.7	22.1	39.3	Roche Modular E170
	µmol/l	32.1	27.3	36.9	Abbott Architect
Digoxin	nmol/l	4.58	3.89	5.27	Beckman Access
	ng/ml	3.58	3.04	4.12	

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Digoxin	nmol/l	4.69	3.99	5.39	Abbott AXSYM
	ng/ml	3.66	3.12	4.20	
	nmol/l	4.95	4.21	5.69	Vitros
	ng/ml	3.87	3.29	4.45	
	nmol/l	5.67	4.82	6.52	Siemens Immulite 1000
	ng/ml	4.43	3.76	5.10	
	nmol/l	4.77	4.05	5.49	bioMerieux Vidas
	ng/ml	3.73	3.16	4.30	
	nmol/l	5.31	4.51	6.11	Roche Elecsys
	ng/ml	4.15	3.52	4.78	
	nmol/l	5.23	4.06	6.40	Roche Integra
	ng/ml	4.08	3.17	4.99	
	nmol/l	5.04	4.08	6.00	Bayer ADVIA Centaur
	ng/ml	3.94	3.19	4.69	
	nmol/l	5.46	4.57	6.35	Roche Modular E170
	ng/ml	4.26	3.57	4.95	
Ferritin	ng/ml = µg/l	212	180	244	Abbott IMx
	ng/ml = µg/l	215	178	252	Abbott AXSYM
	ng/ml = µg/l	198	156	240	bioMerieux Vidas
	ng/ml = µg/l	168	143	193	Siemens Immulite 1000
	ng/ml = µg/l	215	179	251	Roche Elecsys
	ng/ml = µg/l	151	128	174	Beckman Access
	ng/ml = µg/l	170	144	196	Tosoh
	ng/ml = µg/l	140	119	161	Vitros ECi
	ng/ml = µg/l	200	167	233	Bayer ADVIA Centaur
	ng/ml = µg/l	175	149	201	Siemens Immulite 2000/2500
	ng/ml = µg/l	228	178	278	Abbott Architect
	ng/ml = µg/l	206	175	237	Roche Modular E170
	ng/ml = µg/l	202	145	259	Siemens Dimension
	ng/ml = µg/l	152	114	190	Beckman DxI800
	ng/ml = µg/l	206	175	237	Roche Cobas 6000
	Folate	nmol/l	42.1	35.8	48.4
ng/ml		18.6	15.8	21.4	
nmol/l		37.1	31.5	42.7	Beckman Access
ng/ml		16.4	13.9	18.9	
nmol/l		37.9	28.2	47.6	Siemens Immulite 1000
ng/ml		16.7	12.4	21.0	
nmol/l		56.2	42.2	70.2	Roche Elecsys
ng/ml		24.8	18.6	31.0	
nmol/l		39.0	32.3	45.7	Siemens Immulite 2000
ng/ml		17.2	14.2	20.2	

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Folate	nmol/l	39.8	33.3	46.3	Abbott Architect	
	ng/ml	17.6	14.7	20.5		
	nmol/l	48.1	39.3	56.9	Roche Modular E170	
	ng/ml	21.2	17.3	25.1		
	nmol/l	84.6	64.3	105	Bayer ADVIA Centaur (enhanced kit)	
	ng/ml	37.3	28.4	46.2		
	nmol/l	36.7	31.2	42.2	Beckman DxI800	
	ng/ml	16.2	13.8	18.6		
	nmol/l	39.0	33.2	44.8	Abbott Architect restandardised	
	ng/ml	17.2	14.6	19.8		
	Free T3	pmol/l	36.6	27.5	45.8	Tosoh
		ng/dl	2.38	1.79	2.97	
pg/ml		23.8	17.9	29.7		
pmol/l		26.7	21.5	31.9	Abbott AXSYM	
ng/dl		1.74	1.40	2.08		
pg/ml		17.4	14.0	20.8		
pmol/l		24.4	20.7	28.1	bioMerieux Vidas	
ng/dl		1.59	1.35	1.83		
pg/ml		15.9	13.5	18.3		
pmol/l		20.8	15.6	26.0	Bayer ACS 180	
ng/dl		1.35	1.01	1.69		
pg/ml		13.5	10.2	16.8		
pmol/l		28.9	24.6	33.2	Roche Elecsys	
ng/dl		1.88	1.60	2.16		
pg/ml		18.8	16.0	21.6		
pmol/l		23.6	20.0	27.2	Beckman Access	
ng/dl		1.53	1.30	1.76		
pg/ml		15.4	13.0	17.8		
pmol/l		17.9	15.0	20.8	Siemens Immulite 1000	
ng/dl		1.16	0.975	1.35		
pg/ml		11.7	9.77	13.6		
pmol/l		35.0	29.8	40.2	Vitros ECi	
ng/dl		2.28	1.94	2.62		
pg/ml		22.8	19.4	26.2		
pmol/l		21.1	17.9	24.3	Bayer ADVIA Centaur	
ng/dl		1.37	1.16	1.58		
pg/ml		13.7	11.7	15.7		
pmol/l		17.2	14.5	19.9	Siemens Immulite 2000/2500	
ng/dl		1.12	0.943	1.30		
pg/ml		11.2	9.44	13.0		
pmol/l	29.7	22.3	37.1	Abbott Architect		
ng/dl	1.93	1.45	2.41			
pg/ml	19.3	14.5	24.1			
pmol/l	21.7	18.4	25.0	Diasorin Liaison		
ng/dl	1.41	1.20	1.62			
pg/ml	14.1	12.0	16.2			

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Free T3	pmol/l	28.7	24.4	33.0	Roche Modular E170	
	ng/dl	1.87	1.59	2.15		
	pg/ml	18.7	15.9	21.5		
	pmol/l	22.7	19.3	26.1	Beckman Dxl800	
		ng/dl	1.48	1.25		1.71
		pg/ml	14.8	12.6		17.0
	pmol/l	29.3	24.9	33.7	Roche Cobas E411	
		ng/dl	1.90	1.62		2.18
		pg/ml	19.1	16.2		22.0
	pmol/l	28.4	24.1	32.7	Roche Cobas 6000	
		ng/dl	1.85	1.57		2.13
		pg/ml	18.5	15.7		21.3
Free T4	pmol/l	32.8	27.9	37.7	Abbott AXSYM	
		ng/dl	2.56	2.18		2.94
		pg/ml	25.6	21.8		29.4
	pmol/l	48.0	40.8	55.2	bioMerieux Vidas	
		ng/dl	3.74	3.18		4.30
		pg/ml	37.4	31.8		43.0
	pmol/l	45.9	39.0	52.8	Bayer ACS 180	
		ng/dl	3.58	3.04		4.12
		pg/ml	35.8	30.4		41.2
	pmol/l	55.8	47.4	64.2	Siemens Immulite 1000	
		ng/dl	4.35	3.70		5.00
		pg/ml	43.5	37.0		50.0
	pmol/l	59.7	50.7	68.7	Roche Elecsys	
		ng/dl	4.66	3.95		5.37
		pg/ml	46.6	39.5		53.7
	pmol/l	49.4	40.5	58.3	Beckman Access	
		ng/dl	3.85	3.16		4.54
		pg/ml	38.5	31.6		45.4
	pmol/l	62.7	53.3	72.1	Tosoh	
		ng/dl	4.89	4.16		5.62
		pg/ml	48.9	41.6		56.2
	pmol/l	80.4	68.3	92.5	Vitros ECi	
		ng/dl	6.27	5.33		7.21
		pg/ml	62.7	53.3		72.1
pmol/l	46.0	39.1	52.9	Bayer ADVIA Centaur		
	ng/dl	3.59	3.05		4.13	
	pg/ml	35.9	30.5		41.3	
pmol/l	55.7	47.3	64.1	Siemens Immulite 2000/2500		
	ng/dl	4.34	3.69		4.99	
	pg/ml	43.4	36.9		49.9	
pmol/l	42.8	36.4	49.2	Abbott Architect		
	ng/dl	3.34	2.84		3.84	
	pg/ml	33.4	28.4		38.4	
pmol/l	94.3	80.2	108	Diasorin Liaison		
	ng/dl	7.36	6.26		8.46	
	pg/ml	73.6	62.6		84.6	

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Parameter	Einheit	Bereich			Methoden
		Zielwert	von	bis	
Free T4	pmol/l	60.3	51.3	69.3	Roche Modular E170
	ng/dl	4.70	4.00	5.40	
	pg/ml	47.0	40.0	54.0	
	Beckman Dxl800	pmol/l	50.5	42.9	58.1
		ng/dl	3.94	3.35	4.53
		pg/ml	39.4	33.5	45.3
	Roche Cobas 6000	pmol/l	60.6	51.5	69.7
		ng/dl	4.73	4.02	5.44
		pg/ml	47.3	40.2	54.4
	Roche Cobas E411	pmol/l	55.8	47.4	64.2
		ng/dl	4.35	3.70	5.00
		pg/ml	43.5	37.0	50.0
FSH	mU/ml	68.1	57.9	78.3	Tosoh
	mU/ml	67.3	57.2	77.4	Siemens Immulite 1000
	mU/ml	78.9	67.1	90.7	bioMerieux Vidas
	mU/ml	60.9	49.2	72.6	Abbott AXSYM
	mU/ml	73.7	57.1	90.3	Beckman Access
	mU/ml	67.3	57.2	77.4	Roche/BM Elecsys
	mU/ml	53.4	45.4	61.4	Vitros ECi
	mU/ml	71.9	61.1	82.7	Bayer ADVIA Centaur
	mU/ml	66.1	56.2	76.0	Siemens Immulite 2000/2500
	mU/ml	60.2	51.2	69.2	Abbott Architect
	mU/ml	76.9	65.4	88.4	Diasorin Liaison
	mU/ml	62.3	53.0	71.6	Roche Modular E170
	mU/ml	73.1	62.1	84.1	Beckman Dxl800
	mU/ml	69.2	58.8	79.6	Roche Cobas E411
	mU/ml	63.3	53.8	72.8	Roche Cobas 6000
Growth Hormone (GH)	µU/ml	82.2	66.4	98.0	Siemens Immulite 1000
	µU/ml	69.1	58.7	79.5	Siemens Immulite 2000/2500
Human Chorionic Gonadotrophin (HCG)	mU/ml	401	341	461	Abbott AXSYM
	mU/ml	431	366	496	bioMerieux Vidas
	mU/ml	469	399	539	Siemens Immulite 1000
	mU/ml	336	286	386	Roche Elecsys HCG + Beta
	mU/ml	264	224	304	Beckman Access
	mU/ml	434	326	542	Tosoh
	mU/ml	448	381	515	Vitros ECi
	mU/ml	269	229	309	Bayer ADVIA Centaur
	mU/ml	512	435	589	Siemens Immulite 2000
	mU/ml	277	235	319	Abbott Architect
	mU/ml	328	279	377	Roche Modular E170
	mU/ml	458	389	527	Siemens Dimension
	mU/ml	258	207	309	Beckman Dxl800
	mU/ml	346	294	398	Roche Elecsys HCG STAT Intact
	mU/ml	327	255	399	Roche Cobas E411

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Human Chorionic	mU/ml	335	285	385	Roche Cobas 6000
Immunoglobulin E	KIU/l = IU/ml	403	329	477	Siemens Immulite 1000
	KIU/l = IU/ml	395	316	474	Abbott IMx
	KIU/l = IU/ml	457	388	526	bioMerieux Vidas
	KIU/l = IU/ml	400	340	460	Beckman Access
	KIU/l = IU/ml	408	331	485	Pharmacia Unicap
	KIU/l = IU/ml	465	395	535	Roche Elecsys
	KIU/l = IU/ml	449	382	516	Tosoh
	KIU/l = IU/ml	447	371	523	Bayer ADVIA Centaur
	KIU/l = IU/ml	399	329	469	Siemens Immulite 2000/2500
	KIU/l = IU/ml	452	384	520	Roche Modular E170
Insulin	mU/l	24.5	20.6	28.4	Bayer ADVIA Centaur
	mU/l	21.7	18.4	25.0	Abbott AXSYM
	mU/l	6.65	5.21	8.09	Siemens Immulite 1000
	mU/l	23.9	20.3	27.5	Roche Modular E170
	mU/l	6.43	4.61	8.25	Siemens Immulite 2000
	mU/l	24.1	20.5	27.7	Roche Elecsys
	mU/l	25.0	21.3	28.7	Roche Cobas E411
	mU/l	23.1	19.6	26.6	Roche Cobas 6000
Luteinising Hormone (LH)	mU/ml	58.1	47.5	68.7	Abbott AXSYM
	mU/ml	41.4	35.2	47.6	Beckman Access
	mU/ml	49.5	42.1	56.9	bioMerieux Vidas
	mU/ml	70.2	59.7	80.7	Siemens Immulite 1000
	mU/ml	49.2	41.8	56.6	Tosoh
	mU/ml	51.8	44.0	59.6	Roche Elecsys
	mU/ml	61.3	52.1	70.5	Vitros ECi
	mU/ml	56.2	47.8	64.6	Bayer ADVIA Centaur
	mU/ml	73.2	61.9	84.5	Siemens Immulite 2000
	mU/ml	50.5	40.9	60.1	Abbott Architect
	mU/ml	52.5	44.6	60.4	Roche Modular E170
	mU/ml	41.2	35.0	47.4	Beckman DxI800
	mU/ml	53.9	45.8	62.0	Roche Cobas E411
	mU/ml	51.6	43.9	59.3	Roche Cobas 6000
Oestradiol	pmol/l	1805	1505	2105	Abbott AXSYM
	pg/ml	491	409	573	
	pmol/l	2152	1829	2475	bioMerieux Vidas
	pg/ml	585	497	673	
	pmol/l	1933	1643	2223	Siemens Immulite 1000
	pg/ml	526	447	605	
	pmol/l	2201	1871	2531	Tosoh
	pg/ml	599	509	689	
	pmol/l	2174	1848	2500	Roche Elecsys
	pg/ml	591	503	679	
	pmol/l	1600	1360	1840	Vitros ECi
	pg/ml	435	370	500	
pmol/l	1980	1547	2413	Beckman Access	
pg/ml	539	421	657		

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Oestradiol	pmol/l	1648	1236	2060	Bayer ADVIA Centaur	
	pg/ml	448	336	560		
	pmol/l	1862	1583	2141	Siemens Immulite 2000/2500	
	pg/ml	506	431	581		
	pmol/l	1635	1390	1880	Abbott Architect	
	pg/ml	445	378	512		
	pmol/l	2268	1928	2608	Roche Modular E170	
	pg/ml	617	524	710		
	pmol/l	1815	1543	2087	Beckman DxI800	
	pg/ml	494	420	568		
	pmol/l	2194	1865	2523	Roche Cobas 6000	
	pg/ml	597	507	687		
	Parathyroid Hormone (PTH)	pmol/l	24.7	19.8	29.6	Siemens Immulite 1000
		pg/ml	235	188	282	
pmol/l		28.2	22.1	34.3	Siemens Immulite 2000	
pg/ml		268	210	326		
pmol/l		24.2	20.6	27.8	Roche Elecsys	
pg/ml		230	196	264		
pmol/l		23.1	17.3	28.9	Roche Modular E170	
pg/ml		219	164	274		
pmol/l		31.9	27.1	36.7	Beckman DxI800	
pg/ml		303	257	349		
Phenytoin	µmol/l	96.4	74.1	119	Bayer ADVIA Centaur	
	µg/ml	24.3	18.7	29.9		
	µmol/l	81.4	69.2	93.6	Abbott AXSYM	
	µg/ml	20.6	17.5	23.7		
	µmol/l	79.2	61.4	97.0	Vitros	
	µg/ml	20.0	15.5	24.5		
	µmol/l	82.2	69.9	94.5	Abbott TDx	
	µg/ml	20.8	17.6	24.0		
	µmol/l	80.3	65.5	95.1	Siemens Immulite 1000	
	µg/ml	20.3	16.5	24.1		
	µmol/l	84.0	71.4	96.6	Hitachi 911/912/917	
	µg/ml	21.2	18.0	24.4		
	µmol/l	83.1	70.6	95.6	Roche Modular E170	
	µg/ml	21.0	17.8	24.2		
	µmol/l	84.4	71.7	97.1	Abbott Architect	
	µg/ml	21.3	18.1	24.5		
Progesterone	nmol/l	130	97.8	162	Beckman Access	
	ng/ml	40.7	30.6	50.8		
	nmol/l	104	86.6	121	Abbott AXSYM	
	ng/ml	32.6	27.1	38.1		
	nmol/l	117	82.5	152	Siemens Immulite 1000	
	ng/ml	36.6	25.8	47.4		

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Progesterone	nmol/l	153	130	176	bioMerieux Vidas
	ng/ml	47.9	40.7	55.1	
	nmol/l	130	111	149	Roche Elecsys
	ng/ml	40.7	34.7	46.7	
	nmol/l	117	99.5	135	Vitros ECi
	ng/ml	36.6	31.1	42.1	
	nmol/l	106	89.7	122	Bayer ADVIA Centaur
	ng/ml	33.2	28.1	38.3	
	nmol/l	105	89.3	121	Siemens Immulite 2000/2500
	ng/ml	32.9	28.0	37.8	
	nmol/l	134	114	154	Roche Modular E170
	ng/ml	41.9	35.7	48.1	
	nmol/l	119	101	137	Beckman Dxl800
	ng/ml	37.2	31.6	42.8	
nmol/l	137	116	158	Roche Cobas E411	
ng/ml	42.9	36.3	49.5		
nmol/l	132	112	152	Roche Cobas 6000	
ng/ml	41.3	35.1	47.5		
Prolactin	µU/ml	983	836	1130	Beckman Access
	µU/ml	1192	1009	1375	Abbott AXSYM
	µU/ml	928	788	1068	bioMerieux Vidas
	µU/ml	1049	892	1206	Siemens Immulite 1000
	µU/ml	785	589	981	Tosoh
	µU/ml	824	700	948	Roche Elecsys
	µU/ml	953	810	1096	Vitros ECi
	µU/ml	988	840	1136	Bayer ADVIA Centaur
	µU/ml	952	809	1095	Siemens Immulite 2000/2500
	µU/ml	1012	860	1164	Abbott Architect
	µU/ml	844	717	971	Roche Modular E170
	µU/ml	987	832	1142	Beckman Dxl800
	µU/ml	814	692	936	Roche Modular E170 2nd Gen prolactin II
	µU/ml	831	706	956	Roche Elecsys 2nd Gen. prolactin II
µU/ml	836	711	961	Roche Cobas E411	
µU/ml	835	710	960	Roche Cobas 6000	
PSA Free	ng/ml = µg/l	17.8	15.1	20.5	Siemens Immulite 1000
	ng/ml = µg/l	16.3	13.8	18.8	Siemens Immulite 2000/2500
	ng/ml = µg/l	13.9	11.8	16.0	Abbott Axsym - monoclonal
	ng/ml = µg/l	16.3	13.9	18.7	Roche Elecsys
	ng/ml = µg/l	18.9	16.1	21.7	Abbott Architect
	ng/ml = µg/l	17.7	15.0	20.4	Bayer ADVIA Centaur
	ng/ml = µg/l	7.18	6.10	8.26	Diasorin Liaison
	ng/ml = µg/l	16.4	13.9	18.9	Roche Modular E170
	ng/ml = µg/l	16.5	14.0	19.0	Roche Cobas 6000
PSA Total	ng/ml = µg/l	15.8	12.9	18.7	Abbott Axsym - polyclonal
	ng/ml = µg/l	16.7	14.2	19.2	Abbott Axsym - monoclonal

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
PSA Total	ng/ml = µg/l	20.8	16.7	24.9	bioMerieux Vidas
	ng/ml = µg/l	15.1	12.8	17.4	DPC Immulite 1000 1st generation
	ng/ml = µg/l	25.7	21.8	29.6	Roche Elecsys
	ng/ml = µg/l	24.3	20.7	27.9	Beckman Access
	ng/ml = µg/l	14.7	12.5	16.9	Tosoh
	ng/ml = µg/l	23.8	20.2	27.4	Beckman Access-non-standardised results
	ng/ml = µg/l	19.9	16.9	22.9	Bayer ADVIA Centaur (equimolar)
	ng/ml = µg/l	19.3	15.8	22.8	bioMerieux VIDAS TPSA
	ng/ml = µg/l	20.3	15.1	25.5	Bayer ADVIA Centaur
	ng/ml = µg/l	15.4	13.1	17.7	DPC Immulite 2000/2500 1st generation
	ng/ml = µg/l	20.8	17.7	23.9	Abbott Architect
	ng/ml = µg/l	13.7	11.2	16.2	DPC Immulite 1000 3rd generation
	ng/ml = µg/l	11.7	9.95	13.5	DPC Immulite 2000/2500 3rd generation
	ng/ml = µg/l	8.21	6.16	10.3	Vitros ECi
	ng/ml = µg/l	9.03	7.68	10.4	Diasorin Liaison
	ng/ml = µg/l	24.7	21.0	28.4	Roche Modular E170
	ng/ml = µg/l	18.1	15.4	20.8	Siemens Dimension equimolar
	ng/ml = µg/l	22.8	19.4	26.2	Beckman Access standardised to IRP96/670
	ng/ml = µg/l	23.1	19.6	26.6	Beckman DxI800 non-standardised
	ng/ml = µg/l	25.3	21.5	29.1	Roche Cobas E411
ng/ml = µg/l	24.8	21.1	28.5	Roche Cobas 6000	
SHBG	nmol/l	34.9	29.7	40.1	Siemens Immulite 2000/2500
	nmol/l	38.5	29.9	47.1	Roche Elecsys
	nmol/l	39.4	32.7	46.1	Roche Modular E170
T Uptake	%U	50.7	41.6	59.8	Siemens Immulite 1000
Testosterone	nmol/l	31.9	24.1	39.7	Abbott AXSYM
	ng/ml	9.19	6.94	11.4	
	ng/dl	919	694	1144	
	nmol/l	50.6	37.6	63.6	Siemens Immulite 1000
	ng/ml	14.6	10.8	18.4	
	ng/dl	1457	1083	1831	
	nmol/l	40.0	34.0	46.0	Roche Elecsys
	ng/ml	11.5	9.79	13.2	
	ng/dl	1152	979	1325	
	nmol/l	42.9	31.9	53.9	Vitros ECi
	ng/ml	12.4	9.19	15.6	
	ng/dl	1236	919	1553	
	nmol/l	30.1	24.8	35.4	Bayer ADVIA Centaur
	ng/ml	8.67	7.14	10.2	
	ng/dl	867	714	1020	
	nmol/l	47.2	36.8	57.6	Siemens Immulite 2000/2500
ng/ml	13.6	10.6	16.6		
ng/dl	1359	1060	1658		
nmol/l	39.4	33.5	45.3	Abbott Architect	
ng/ml	11.3	9.65	13.0		
ng/dl	1135	965	1305		

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Progesterone	nmol/l	153	130	176	bioMerieux Vidas
	ng/ml	47.9	40.7	55.1	
	nmol/l	130	111	149	Roche Elecsys
	ng/ml	40.7	34.7	46.7	
	nmol/l	117	99.5	135	Vitros ECi
	ng/ml	36.6	31.1	42.1	
	nmol/l	106	89.7	122	Bayer ADVIA Centaur
	ng/ml	33.2	28.1	38.3	
	nmol/l	105	89.3	121	Siemens Immulite 2000/2500
	ng/ml	32.9	28.0	37.8	
	nmol/l	134	114	154	Roche Modular E170
	ng/ml	41.9	35.7	48.1	
	nmol/l	119	101	137	Beckman Dxl800
	ng/ml	37.2	31.6	42.8	
nmol/l	137	116	158	Roche Cobas E411	
ng/ml	42.9	36.3	49.5		
nmol/l	132	112	152	Roche Cobas 6000	
ng/ml	41.3	35.1	47.5		
Prolactin	µU/ml	983	836	1130	Beckman Access
	µU/ml	1192	1009	1375	Abbott AXSYM
	µU/ml	928	788	1068	bioMerieux Vidas
	µU/ml	1049	892	1206	Siemens Immulite 1000
	µU/ml	785	589	981	Tosoh
	µU/ml	824	700	948	Roche Elecsys
	µU/ml	953	810	1096	Vitros ECi
	µU/ml	988	840	1136	Bayer ADVIA Centaur
	µU/ml	952	809	1095	Siemens Immulite 2000/2500
	µU/ml	1012	860	1164	Abbott Architect
	µU/ml	844	717	971	Roche Modular E170
	µU/ml	987	832	1142	Beckman Dxl800
	µU/ml	814	692	936	Roche Modular E170 2nd Gen prolactin II
	µU/ml	831	706	956	Roche Elecsys 2nd Gen. prolactin II
µU/ml	836	711	961	Roche Cobas E411	
µU/ml	835	710	960	Roche Cobas 6000	
PSA Free	ng/ml = µg/l	17.8	15.1	20.5	Siemens Immulite 1000
	ng/ml = µg/l	16.3	13.8	18.8	Siemens Immulite 2000/2500
	ng/ml = µg/l	13.9	11.8	16.0	Abbott Axsym - monoclonal
	ng/ml = µg/l	16.3	13.9	18.7	Roche Elecsys
	ng/ml = µg/l	18.9	16.1	21.7	Abbott Architect
	ng/ml = µg/l	17.7	15.0	20.4	Bayer ADVIA Centaur
	ng/ml = µg/l	7.18	6.10	8.26	Diasorin Liaison
	ng/ml = µg/l	16.4	13.9	18.9	Roche Modular E170
	ng/ml = µg/l	16.5	14.0	19.0	Roche Cobas 6000
PSA Total	ng/ml = µg/l	15.8	12.9	18.7	Abbott Axsym - polyclonal
	ng/ml = µg/l	16.7	14.2	19.2	Abbott Axsym - monoclonal

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Thyroid Stimulating Hormone	µU/ml = mIU/l	22.8	18.6	27.0	Abbott AxSYM 3rd generation
	µU/ml = mIU/l	26.7	22.6	30.8	Diasorin Liaison
	µU/ml = mIU/l	22.4	19.0	25.8	Roche Modular E170
	µU/ml = mIU/l	24.3	20.7	27.9	Siemens Dimension
	µU/ml = mIU/l	25.7	19.7	31.7	bioMerieux VIDAS TSH3 Ultrasensitive
	µU/ml = mIU/l	21.7	17.4	26.0	Beckman DxI800
	µU/ml = mIU/l	22.6	19.2	26.0	Beckman DxI800 Fast TSH
	µU/ml = mIU/l	22.3	19.0	25.6	Bayer Advia Centaur 3rd Generation
	µU/ml = mIU/l	22.8	19.4	26.2	Roche Cobas E411
µU/ml = mIU/l	22.6	19.2	26.0	Roche Cobas 6000	
Total T3	nmol/l	7.75	6.59	8.91	Abbott AXSYM
	ng/ml	5.05	4.29	5.81	
	ng/dl	505	429	581	
	nmol/l	7.06	6.00	8.12	bioMerieux Vidas
	ng/ml	4.60	3.91	5.29	
	ng/dl	460	391	529	
	nmol/l	7.12	6.04	8.20	Siemens Immulite 1000
	ng/ml	4.64	3.93	5.35	
	ng/dl	464	393	535	
	nmol/l	7.11	6.04	8.18	Roche Elecsys
	ng/ml	4.63	3.93	5.33	
	ng/dl	463	393	533	
	nmol/l	6.53	5.55	7.51	Beckman Access
	ng/ml	4.25	3.61	4.89	
	ng/dl	425	361	489	
	nmol/l	6.68	5.24	8.12	Tosoh
	ng/ml	4.35	3.41	5.29	
	ng/dl	435	341	529	
	nmol/l	7.66	6.51	8.81	Bayer ADVIA Centaur
	ng/ml	4.99	4.24	5.74	
	ng/dl	499	424	574	
	nmol/l	6.69	5.69	7.69	Siemens Immulite 2000/2500
	ng/ml	4.36	3.70	5.02	
	ng/dl	436	370	502	
	nmol/l	6.23	5.30	7.16	Abbott Architect
	ng/ml	4.06	3.45	4.67	
	ng/dl	406	345	467	
nmol/l	7.40	6.29	8.51	Vitros ECi	
ng/ml	4.82	4.09	5.55		
ng/dl	482	409	555		
nmol/l	6.51	5.53	7.49	Roche Modular E170	
ng/ml	4.24	3.60	4.88		
ng/dl	424	360	488		
nmol/l	5.89	4.96	6.82	Beckman DxI800	
ng/ml	3.83	3.23	4.43		
ng/dl	383	323	443		

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T3	nmol/l	6.15	5.23	7.07	Roche Cobas 6000
	ng/ml	4.00	3.40	4.60	
	ng/dl	400	340	460	
Total T4	nmol/l	206	175	237	Vitros ECi
	µg/dl	16.1	13.7	18.5	
	ng/ml	161	137	185	
	nmol/l	211	179	243	Abbott AXSYM
	µg/dl	16.5	14.0	19.0	
	ng/ml	165	140	190	
	nmol/l	224	184	264	bioMerieux Vidas
	µg/dl	17.5	14.4	20.6	
	ng/ml	175	144	206	
	nmol/l	206	172	240	Siemens Immulite 1000
	µg/dl	16.1	13.4	18.8	
	ng/ml	161	134	188	
	nmol/l	194	164	224	Roche Elecsys
	µg/dl	15.1	12.8	17.4	
	ng/ml	151	128	174	
	nmol/l	206	155	257	Beckman Access
	µg/dl	16.1	12.1	20.1	
	ng/ml	161	121	201	
	nmol/l	203	171	235	Tosoh
	µg/dl	15.8	13.3	18.3	
	ng/ml	158	133	183	
	nmol/l	199	169	229	Bayer ADVIA Centaur
	µg/dl	15.5	13.2	17.8	
	ng/ml	155	132	178	
nmol/l	199	169	229	Siemens Immulite 2000/2500	
µg/dl	15.5	13.2	17.8		
ng/ml	155	132	178		
nmol/l	210	179	241	Abbott Architect	
µg/dl	16.4	14.0	18.8		
ng/ml	164	140	188		
nmol/l	188	160	216	Roche Modular E170	
µg/dl	14.7	12.5	16.9		
ng/ml	147	125	169		
nmol/l	192	163	221	Beckman DxI800	
µg/dl	15.0	12.7	17.3		
ng/ml	150	127	173		
nmol/l	173	145	201	Roche Cobas 6000	
µg/dl	13.5	11.3	15.7		
ng/ml	135	113	157		
Valproic Acid	µmol/l	940	799	1081	Abbott AXSYM
	µg/ml	136	115	157	
	µmol/l	965	820	1110	Siemens Immulite 1000
	µg/ml	139	118	160	

IMMUNOASSAY CONTROL LEVEL 3

Art.-Nr.: KG2640/KG2633 Ch.-B.: 699EC Inhalt 10 x 5ml/12 x 5ml Verw. bis: 2011-06

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Valproic Acid	µmol/l	976	830	1122	Hitachi 911/912/917	
	µg/ml	141	120	162		
	µmol/l	975	829	1121	Roche Integra	
	µg/ml	141	120	162		
	µmol/l	946	804	1088	Siemens Immulite 2000/2500	
	µg/ml	137	116	158		
	µmol/l	848	721	975	Bayer ADVIA Centaur	
	µg/ml	122	104	140		
Vitamin B12	µmol/l	1028	874	1182	Vitros	
	µg/ml	148	126	170		
	µmol/l	942	801	1083	Abbott Architect	
	µg/ml	136	116	156		
	Vitamin B12	pmol/l	783	666	900	Abbott AXSYM
		pg/ml	1061	902	1220	
		pmol/l	994	845	1143	Roche Elecsys
		pg/ml	1347	1145	1549	
pmol/l		1033	837	1229	Beckman Access	
pg/ml		1400	1134	1666		
pmol/l		797	598	996	Siemens Immulite 1000	
pg/ml		1080	810	1350		
pmol/l		1136	913	1359	Bayer ADVIA Centaur	
pg/ml		1539	1237	1841		
pmol/l		862	647	1077	Siemens Immulite 2000	
pg/ml		1168	877	1459		
pmol/l		994	767	1221	Abbott Architect	
pg/ml		1347	1039	1655		
pmol/l	1051	893	1209	Roche Modular E170		
pg/ml	1424	1210	1638			
pmol/l	1073	912	1234	Beckman DxI800		
pg/ml	1454	1236	1672			