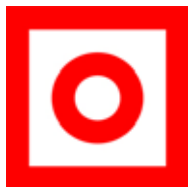


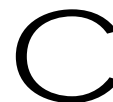
BGT

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.: 795 EC

Level II Ch.-B.: 787 EC

Level III Ch.-B.: 797 EC

Verwendbar bis: 2012-05

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.

INTENDED USE

This product is intended for in vitro diagnostic use in the quality control of the accuracy of Immunoassays on clinical chemistry systems. This material can be used to monitor the control of accuracy or the control of reproducibility of immunoassays.

SAFETY PRECAUTIONS AND WARNINGS

For in vitro diagnostic use only. Do not pipette by mouth. Exercise the normal precautions required for handling laboratory reagents.

Human source material from which this product has been derived has been tested at donor level for the Human Immunodeficiency Virus (HIV 1, HIV 2) antibody, Hepatitis B Surface Antigen (HbsAg), and Hepatitis C Virus (HCV) antibody and found to be NON-REACTIVE. FDA approved methods have been used to conduct these tests.

However, since no method can offer complete assurance as to the absence of infectious agents, this material and all patient samples should be handled as though capable of transmitting infectious diseases and disposed of accordingly.

Health and Safety Data Sheets are available on request.

STORAGE AND STABILITY

OPENED: Store refrigerated (2 to 8°C). Reconstituted serum is stable for 7 days at 2 to 8°C if kept capped in original container and free from contamination or 4 weeks frozen once at -20°C. Parathyroid hormone (PTH) and Thyroglobulin should be tested within 4 hours of reconstitution, when stored at 2 to 8°C or within 2 weeks when stored below -20°C. Only the required amount of product should be removed. After use, any residual product should NOT BE RETURNED to the original vial.

UNOPENED: Store refrigerated (2 to 8°C). Stable to expiration date printed on individual vials. Bacterial contamination of the reconstituted serum will cause reductions in the stability of many components. If bacterial contamination is suspected, the vial should be discarded and a fresh vial reconstituted.

PREPARATION

The Immunoassay Control is supplied lyophilised.

1. Carefully reconstitute each vial of lyophilised serum with exactly 5ml of distilled water at +20 to 25°C. Close bottle and allow to stand for 30 minutes before use. Ensure contents are completely dissolved by swirling gently. Avoid formation of foam. Do not shake.
2. Refer to the control section of the individual analyser application.
3. Refrigerate any unused material. Prior to reuse, mix contents thoroughly.

MATERIALS PROVIDED

Immunoassay Control Tri Level: 12 x 5ml Level 1: 10 x 5ml

MATERIAL REQUIRED BUT NOT PROVIDED

Volumetric Pipette

VALUE ASSIGNMENT

Each batch of Immunoassay Control is submitted to a number of reference laboratories and values are assigned from a consensus of results obtained by these laboratories using a unique statistical analysis. With each batch a control range is provided for individual parameters and each parameter method. The control range is equivalent to the assigned mean ± 2 S.D. This results in extremely accurate values, which may be confidently used by laboratories to ensure the accuracy of their methods.

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
17-OH-Progesterone	nmol/l	4.60	3.45	5.75	Siemens Coat-a-Count
	ng/ml	1.52	1.14	1.90	
	nmol/l	3.93	3.19	4.67	DSL
	ng/ml	1.30	1.06	1.54	
Alphafoetoprotein	KIU/l = IU/ml	9.55	8.12	11.0	Abbott AXSYM
	ng/ml	11.6	9.83	13.4	
	KIU/l = IU/ml	8.11	6.78	9.44	bioMerieux Vidas
	ng/ml	9.81	8.20	11.4	
	KIU/l = IU/ml	9.03	7.68	10.4	Siemens Immulite 1000
	ng/ml	10.9	9.29	12.5	
	KIU/l = IU/ml	9.47	8.05	10.9	Roche Elecsys
	ng/ml	11.5	9.74	13.3	
	KIU/l = IU/ml	9.75	8.09	11.4	Beckman Access
	ng/ml	11.8	9.79	13.8	
	KIU/l = IU/ml	10.3	8.76	11.8	Siemens Advia Centaur
	ng/ml	12.5	10.6	14.4	
	KIU/l = IU/ml	8.91	7.57	10.3	Siemens Immulite 2000/2500
	ng/ml	10.8	9.16	12.4	
	KIU/l = IU/ml	9.83	8.36	11.3	Abbott Architect
	ng/ml	11.9	10.1	13.7	
KIU/l = IU/ml	9.93	8.44	11.4	Diasorin RIA	
ng/ml	12.0	10.2	13.8		
KIU/l = IU/ml	9.92	8.43	11.4	Roche Modular E170	
ng/ml	12.0	10.2	13.8		
KIU/l = IU/ml	9.99	7.91	12.1	Beckman Dxl800	
ng/ml	12.1	9.57	14.6		
KIU/l = IU/ml	9.57	8.13	11.0	Roche Cobas 6000	
ng/ml	11.6	9.84	13.4		
KIU/l = IU/ml	10.3	8.22	12.4	Roche Cobas E411	
ng/ml	12.5	9.95	15.1		
KIU/l = IU/ml	12.5	10.4	14.5	Pishtaz Teb- ELISA	
ng/ml	15.1	12.6	17.6		
Beta-2-microglobulin	µg/ml = mg/l	1.32	0.999	1.64	Siemens Immulite 1000
	µg/ml = mg/l	1.46	1.24	1.68	bioMerieux Vidas
	µg/ml = mg/l	1.05	0.892	1.21	Abbott AXSYM
	µg/ml = mg/l	1.30	1.11	1.49	Siemens Immulite 2000/2500
	µg/ml = mg/l	1.33	1.13	1.53	Abbott Architect
CA 15-3	U/ml	17.8	15.1	20.5	Roche Elecsys
	U/ml	19.8	16.8	22.8	bioMerieux Vidas
	U/ml	23.3	18.6	28.0	Siemens Advia Centaur
	U/ml	22.8	19.4	26.2	Abbott Architect
	U/ml	25.3	18.9	31.7	Siemens Immulite 2000/2500

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
CA 15-3	U/ml	18.5	15.2	21.8	Abbott AXSYM
	U/ml	30.6	23.3	37.9	Siemens Immulite 1000
	U/ml	17.7	14.8	20.6	Vitros ECi
	U/ml	19.2	16.3	22.1	Diasorin Liaison
	U/ml	17.9	15.2	20.6	Roche Modular E170
	U/ml	13.3	11.3	15.3	Beckman DxI800
	U/ml	17.4	14.8	20.0	Roche Cobas 6000
	U/ml	17.3	14.7	19.9	Roche Cobas E411
CA 19-9	U/ml	23.0	17.1	28.9	Abbott AXSYM
	U/ml	19.9	16.9	22.9	bioMerieux Vidas
	U/ml	19.8	16.0	23.6	Roche Elecsys
	U/ml	27.9	23.5	32.3	Siemens Advia Centaur
	U/ml	20.9	17.8	24.0	Siemens Immulite 2000/2500
	U/ml	80.9	68.8	93.0	Abbott Architect
	U/ml	37.4	31.8	43.0	Vitros ECi
	U/ml	19.3	16.4	22.2	Roche Modular E170
	U/ml	22.3	19.0	25.6	Beckman Access
	U/ml	22.7	19.2	26.2	Beckman DxI800
	U/ml	84.4	71.7	97.1	Abbott Architect XR kit
	U/ml	19.4	16.5	22.3	Roche Cobas 6000
	U/ml	19.8	14.9	24.7	Roche Cobas E411
CA125	U/ml	23.2	18.5	27.9	Abbott AXSYM
	U/ml	19.0	16.2	21.8	Siemens Immulite 1000
	U/ml	20.0	17.0	23.0	bioMerieux Vidas
	U/ml	19.4	16.5	22.3	Roche Elecsys
	U/ml	21.1	17.9	24.3	Bayer ADVIA Centaur OV kit
	U/ml	17.3	14.7	19.9	Siemens Immulite 2000/2500
	U/ml	17.4	14.8	20.0	Vitros ECi
	U/ml	25.7	21.8	29.6	Diasorin Liaison
	U/ml	20.0	17.0	23.0	Roche Modular E170
	U/ml	29.3	24.9	33.7	Abbott Architect
	U/ml	21.2	18.0	24.4	Bayer ADVIA Centaur CA125 II kit
	U/ml	18.0	15.3	20.7	Beckman Access
	U/ml	17.8	15.1	20.5	Beckman DxI800
	U/ml	20.8	17.7	23.9	Roche Cobas E411
U/ml	19.3	16.4	22.2	Roche Cobas 6000	
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	15.5	12.3	18.7	Siemens Advia Centaur
	µg/ml	3.66	2.91	4.41	
	µmol/l	12.0	10.1	13.9	Siemens Immulite 1000
	µg/ml	2.84	2.39	3.29	
	µmol/l	16.7	13.4	20.0	Roche Integra
	µg/ml	3.95	3.17	4.73	

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Carbamazepine	µmol/l	15.9	11.6	20.2	Hitachi 911/912/917	
	µg/ml	3.76	2.74	4.78		
	µmol/l	12.8	10.9	14.7	Siemens Immulite 2000/2500	
	µg/ml	3.03	2.58	3.48		
	µmol/l	15.1	12.7	17.5	Siemens Dimension	
	µg/ml	3.57	3.00	4.14		
	µmol/l	16.1	13.1	19.1	Roche Modular E170	
	µg/ml	3.81	3.10	4.52		
	µmol/l	17.3	14.4	20.2	Abbott Architect	
	µg/ml	4.09	3.40	4.78		
	Carcinoembryonic Antigen (CEA)	ng/ml = µg/l	2.93	2.48	3.38	Abbott AXSYM
		ng/ml = µg/l	2.42	2.06	2.78	bioMerieux Vidas
ng/ml = µg/l		3.20	2.50	3.90	Siemens Immulite 1000	
ng/ml = µg/l		2.43	2.07	2.79	Roche Elecsys	
ng/ml = µg/l		4.08	3.47	4.69	Tosoh	
ng/ml = µg/l		6.55	4.91	8.19	Vitros ECI	
ng/ml = µg/l		2.75	2.34	3.16	Beckman Access	
ng/ml = µg/l		2.79	2.05	3.53	Siemens Advia Centaur	
ng/ml = µg/l		2.92	2.40	3.44	Siemens Immulite 2000/2500	
ng/ml = µg/l		2.95	2.51	3.39	Abbott Architect	
ng/ml = µg/l		3.06	2.60	3.52	Diasorin Liaison	
ng/ml = µg/l		2.58	2.19	2.97	Roche Modular E170	
ng/ml = µg/l		2.72	2.09	3.35	Beckman DxI800	
ng/ml = µg/l		2.47	2.10	2.84	Roche Cobas 6000	
ng/ml = µg/l		2.50	1.85	3.15	Roche Cobas E411	
ng/ml = µg/l		4.30	3.30	5.30	Pishtaz Teb- ELISA	
Cortisol	nmol/l	211	158	264	Abbott AXSYM	
	µg/dl	7.60	5.69	9.51		
	nmol/l	157	116	198	bioMerieux Vidas	
	µg/dl	5.65	4.18	7.12		
	nmol/l	233	166	300	Siemens Immulite 1000	
	µg/dl	8.39	5.98	10.8		
	nmol/l	189	150	228	Roche Elecsys	
	µg/dl	6.80	5.40	8.20		
	nmol/l	248	193	303	Beckman Access	
	µg/dl	8.93	6.95	10.9		
	nmol/l	204	166	242	Tosoh	
	µg/dl	7.34	5.98	8.70		
	nmol/l	245	195	295	Siemens Advia Centaur	
	µg/dl	8.82	7.02	10.6		
	nmol/l	219	178	260	Siemens Immulite 2000/2500	
	µg/dl	7.88	6.41	9.35		
	nmol/l	239	203	275	Abbott Architect	
	µg/dl	8.60	7.31	9.89		
nmol/l	180	153	207	Roche Modular E170		
µg/dl	6.48	5.51	7.45			

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Parameter	Einheit	Bereich			Methoden
		Zielwert	von	bis	
Cortisol	nmol/l	253	211	295	Beckman Dxl800
	µg/dl	9.11	7.60	10.6	
	nmol/l	178	151	205	Roche Cobas 6000
	µg/dl	6.41	5.44	7.38	
	nmol/l	187	149	225	
	µg/dl	6.73	5.36	8.10	Roche Cobas E411
DHEA-S	µmol/l	3.44	2.56	4.32	Siemens Immulite 1000
	µmol/l	3.41	2.73	4.09	Siemens Immulite 2000/2500
	µmol/l	4.96	4.22	5.70	Roche Elecsys
	µmol/l	5.00	4.25	5.75	Roche Modular E170
	µmol/l	5.14	4.37	5.91	Abbott Architect
	µmol/l	4.13	3.51	4.75	Beckman Dxl800
	µmol/l	3.17	2.69	3.65	Diasorin Liaison
	µmol/l	4.93	4.19	5.67	Roche Cobas E411
	µmol/l	4.87	4.14	5.60	Roche Cobas 6000
Digoxin	nmol/L	0.898	0.663	1.13	Beckman Access
	ng/ml	0.701	0.518	0.880	
	nmol/L	0.849	0.718	0.980	Abbott AXSYM
	ng/ml	0.663	0.561	0.770	
	nmol/L	1.23	0.977	1.48	Vitros
	ng/ml	0.961	0.763	1.16	
	nmol/L	0.809	0.583	1.04	Siemens Immulite 1000
	ng/ml	0.632	0.455	0.810	
	nmol/L	0.700	0.495	0.905	bioMerieux Vidas
	ng/ml	0.547	0.387	0.710	
	nmol/L	1.00	0.800	1.20	Roche Elecsys
	ng/ml	0.781	0.625	0.937	
	nmol/L	0.928	0.661	1.20	Siemens Advia Centaur
	ng/ml	0.725	0.516	0.930	
	nmol/L	0.979	0.778	1.18	Roche Modular E170
	ng/ml	0.765	0.608	0.920	
	nmol/L	0.832	0.585	1.08	Abbott Architect
	ng/ml	0.650	0.457	0.840	
	nmol/L	0.915	0.689	1.14	Siemens Dimension
	ng/ml	0.715	0.538	0.890	
nmol/L	0.964	0.819	1.11	Roche Cobas 6000	
ng/ml	0.753	0.640	0.870		
Ferritin	ng/ml = µg/l	7.52	5.64	9.40	Abbott AXSYM
	ng/ml = µg/l	8.64	6.50	10.8	Siemens Immulite 1000
	ng/ml = µg/l	8.92	6.69	11.2	Roche Elecsys
	ng/ml = µg/l	6.50	5.53	7.47	Beckman Access
	ng/ml = µg/l	9.25	6.94	11.6	Vitros ECi
	ng/ml = µg/l	9.96	7.48	12.4	Siemens Advia Centaur
	ng/ml = µg/l	7.88	5.91	9.85	Abbott Architect
	ng/ml = µg/l	6.45	5.48	7.42	Diasorin Liaison
ng/ml = µg/l	9.51	7.13	11.9	Roche Modular E170	

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Ferritin	ng/ml = µg/l	7.71	5.78	9.64	Siemens Dimension
	ng/ml = µg/l	6.77	5.08	8.46	Beckman DxI800
	ng/ml = µg/l	9.31	7.54	11.1	Roche Cobas E411
	ng/ml = µg/l	8.93	7.53	10.3	Roche Cobas 6000
	ng/ml = µg/l	3.90	2.60	5.20	Pishtaz Teb- ELISA
Folate	nmol/l	8.42	6.76	10.1	Abbott AXSYM
	ng/ml	3.71	2.98	4.44	
	nmol/l	6.47	5.17	7.77	Beckman Access
	ng/ml	2.85	2.28	3.42	
	nmol/l	6.26	4.76	7.76	Siemens Immulite 1000
	ng/ml	2.76	2.10	3.42	
	nmol/l	10.6	7.95	13.3	Roche Elecsys
	ng/ml	4.67	3.51	5.83	
	nmol/l	6.23	4.73	7.73	Siemens Immulite 2000
	ng/ml	2.75	2.09	3.41	
	nmol/l	4.53	3.44	5.62	Vitros ECi
	ng/ml	2.00	1.52	2.48	
	nmol/l	7.70	6.44	8.96	Abbott Architect
	ng/ml	3.40	2.84	3.96	
	nmol/l	11.0	9.19	12.8	Roche Modular E170
	ng/ml	4.85	4.05	5.65	
	nmol/l	19.1	16.0	22.2	Bayer ADVIA Centaur (enhanced kit)
	ng/ml	8.42	7.06	9.78	
	nmol/l	5.80	4.69	6.91	Beckman DxI800
	ng/ml	2.56	2.07	3.05	
nmol/l	11.1	8.20	14.0	Roche Cobas E411	
ng/ml	4.90	3.62	6.18		
nmol/l	11.1	9.12	13.1	Roche Cobas 6000	
ng/ml	4.90	4.02	5.78		
nmol/l	7.43	6.32	8.54	Abbott Architect restandardised	
ng/ml	3.28	2.79	3.77		
Free T3	pmol/l	6.17	5.24	7.10	Abbott AXSYM
	ng/dl	0.401	0.341	0.460	
	pg/ml	4.02	3.41	4.63	
	pmol/l	6.00	4.76	7.24	bioMerieux Vidas
	ng/dl	0.390	0.309	0.470	
	pg/ml	3.91	3.10	4.72	
	pmol/l	7.44	6.32	8.56	Roche Elecsys
	ng/dl	0.484	0.411	0.560	
	pg/ml	4.84	4.11	5.57	
	pmol/l	6.26	5.21	7.31	Beckman Access
	ng/dl	0.407	0.339	0.480	
	pg/ml	4.08	3.39	4.77	
	pmol/l	6.19	5.26	7.12	Siemens Immulite 1000
ng/dl	0.402	0.342	0.460		
pg/ml	4.03	3.42	4.64		

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T3	pmol/l	13.1	11.1	15.1	Vitros ECI
	ng/dl	0.852	0.722	0.980	
	pg/ml	8.53	7.23	9.83	
	pmol/l	6.47	5.50	7.44	Siemens Advia Centaur
	ng/dl	0.421	0.358	0.480	
	pg/ml	4.21	3.58	4.84	
	pmol/l	5.89	4.97	6.81	Siemens Immulite 2000/2500
	ng/dl	0.383	0.323	0.440	
	pg/ml	3.83	3.24	4.42	
	pmol/l	5.01	4.26	5.76	Abbott Architect
	ng/dl	0.326	0.277	0.380	
	pg/ml	3.26	2.77	3.75	
	pmol/l	6.04	5.13	6.95	Diasorin Liaison
	ng/dl	0.393	0.333	0.450	
	pg/ml	3.93	3.34	4.52	
	pmol/l	7.06	6.00	8.12	Roche Modular E170
	ng/dl	0.459	0.390	0.530	
	pg/ml	4.60	3.91	5.29	
	pmol/l	6.12	4.79	7.45	Beckman Dxl800
	ng/dl	0.398	0.311	0.490	
	pg/ml	3.98	3.12	4.84	
pmol/l	7.31	6.12	8.50	Roche Cobas E411	
ng/dl	0.475	0.398	0.550		
pg/ml	4.76	3.98	5.54		
pmol/l	6.85	5.82	7.88	Roche Cobas 6000	
ng/dl	0.445	0.378	0.510		
pg/ml	4.46	3.79	5.13		
pmol/l	3.06	2.49	3.62	Pishtaz Teb- ELISA	
ng/dl	0.200	0.163	0.237		
pg/ml	2.00	1.63	2.37		
Free T4	pmol/l	9.07	7.71	10.4	Abbott AXSYM
	ng/dl	0.707	0.601	0.810	
	pg/ml	7.07	6.01	8.13	
	pmol/l	5.68	4.83	6.53	bioMerieux Vidas
	ng/dl	0.443	0.377	0.510	
	pg/ml	4.43	3.77	5.09	
	pmol/l	11.0	8.42	13.6	Siemens Immulite 1000
	ng/dl	0.858	0.657	1.06	
	pg/ml	8.58	6.57	10.6	
	pmol/l	13.2	11.2	15.2	Roche Elecsys
	ng/dl	1.03	0.874	1.19	
	pg/ml	10.3	8.74	11.9	
	pmol/l	9.69	8.24	11.1	Beckman Access
	ng/dl	0.756	0.643	0.870	
	pg/ml	7.56	6.43	8.69	
pmol/l	24.0	19.9	28.1	Vitros ECI	
ng/dl	1.87	1.55	2.19		
pg/ml	18.7	15.5	21.9		

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T4	pmol/l	7.83	6.40	9.26	Siemens Advia Centaur
	ng/dl	0.611	0.499	0.720	
	pg/ml	6.11	4.99	7.23	
	pmol/l	10.3	8.02	12.6	Siemens Immulite 2000/2500
	ng/dl	0.803	0.626	0.980	
	pg/ml	8.03	6.26	9.80	
	pmol/l	12.6	10.7	14.5	Abbott Architect
	ng/dl	0.983	0.835	1.13	
	pg/ml	9.83	8.35	11.3	
	pmol/l	12.7	10.6	14.8	Diasorin Liaison
	ng/dl	0.991	0.827	1.16	
	pg/ml	9.91	8.27	11.6	
	pmol/l	13.0	11.1	14.9	Roche Modular E170
	ng/dl	1.01	0.866	1.15	
	pg/ml	10.1	8.66	11.5	
	pmol/l	9.63	7.68	11.6	Beckman Dxl800
	ng/dl	0.751	0.599	0.900	
	pg/ml	7.51	5.99	9.03	
	pmol/l	12.9	11.0	14.8	Roche Cobas 6000
	ng/dl	1.01	0.858	1.16	
pg/ml	10.1	8.58	11.6		
pmol/l	13.4	11.4	15.4	Roche Cobas E411	
ng/dl	1.05	0.889	1.21		
pg/ml	10.5	8.89	12.1		
pmol/l	10.8	9.20	12.5	Pishtaz Teb- ELISA	
ng/dl	0.850	0.720	0.980		
pg/ml	8.50	7.20	9.80		
FSH	mU/ml	6.42	5.46	7.38	Tosoh
	mU/ml	5.51	4.55	6.47	Siemens Immulite 1000
	mU/ml	6.20	5.27	7.13	bioMerieux Vidas
	mU/ml	5.09	4.33	5.85	Abbott AXSYM
	mU/ml	6.26	5.32	7.20	Beckman Access
	mU/ml	6.72	5.71	7.73	Roche/BM Elecsys
	mU/ml	6.00	5.01	6.99	Vitros ECi
	mU/ml	6.60	5.61	7.59	Siemens Advia Centaur
	mU/ml	5.47	4.65	6.29	Siemens Immulite 2000/2500
	mU/ml	5.15	4.38	5.92	Abbott Architect
	mU/ml	6.99	5.57	8.41	Diasorin Liaison
	mU/ml	5.97	5.07	6.87	Roche Modular E170
	mU/ml	6.61	5.50	7.72	Beckman Dxl800
	mU/ml	6.75	5.74	7.76	Roche Cobas E411
	mU/ml	5.89	5.01	6.77	Roche Cobas 6000
	mU/ml	10.8	8.80	12.8	Pishtaz Teb- ELISA
Growth Hormone (GH)	µU/ml	8.46	6.55	10.4	Siemens Immulite 1000

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Growth Hormone (GH)	µU/ml	8.45	6.56	10.3	Siemens Immulite 2000/2500
	µU/ml	6.25	5.31	7.19	Diasorin Liaison
Human Chorionic Gonadotrophin (HCG)	mU/ml=U/L	18.5	15.7	21.3	Abbott AXSYM
	mU/ml=U/L	17.5	14.9	20.1	bioMerieux Vidas
	mU/ml=U/L	19.8	16.4	23.2	Siemens Immulite 1000
	mU/ml=U/L	13.7	11.6	15.8	Roche Elecsys HCG + Beta
	mU/ml=U/L	11.9	9.94	13.9	Beckman Access
	mU/ml=U/L	19.4	16.5	22.3	Tosoh
	mU/ml=U/L	18.8	16.0	21.6	Vitros ECI
	mU/ml=U/L	15.8	12.7	18.9	Siemens Advia Centaur
	mU/ml=U/L	22.6	18.6	26.6	Siemens Immulite 2000
	mU/ml=U/L	12.8	10.4	15.2	Abbott Architect
	mU/ml=U/L	7.53	5.64	9.42	Diasorin Liaison
	mU/ml=U/L	13.4	11.4	15.4	Roche Modular E170
	mU/ml=U/L	17.4	14.8	20.0	Siemens Dimension
	mU/ml=U/L	12.4	10.5	14.3	Beckman DxI800
	mU/ml=U/L	14.2	12.1	16.3	Roche Elecsys HCG STAT Intact
	mU/ml=U/L	14.0	11.8	16.2	Roche Cobas E411
mU/ml=U/L	13.2	11.2	15.2	Roche Cobas 6000	
mU/ml=U/L	25.0	18.0	32.0	Pishtaz Teb- ELISA	
Immunoglobulin E	KIU/I = IU/ml	29.2	24.4	34.0	Siemens Immulite 1000
	KIU/I = IU/ml	22.4	18.2	26.6	bioMerieux Vidas
	KIU/I = IU/ml	23.6	17.5	29.7	Beckman Access
	KIU/I = IU/ml	25.7	21.8	29.6	Pharmacia Unicap
	KIU/I = IU/ml	26.3	22.3	30.3	Roche Elecsys
	KIU/I = IU/ml	22.3	19.0	25.6	Tosoh
	KIU/I = IU/ml	24.7	19.5	29.9	Siemens Advia Centaur
	KIU/I = IU/ml	28.8	22.7	34.9	Siemens Immulite 2000/2500
	KIU/I = IU/ml	26.9	22.9	30.9	Roche Modular E170
	KIU/I = IU/ml	25.5	19.7	31.3	Abbott Architect
	KIU/I = IU/ml	26.2	22.3	30.1	Roche Cobas E411
	KIU/I = IU/ml	26.8	22.8	30.8	Roche Cobas 6000
	KIU/I = IU/ml	24.5	20.3	28.8	Pishtaz Teb- ELISA
Insulin	mU/I	1.43	1.11	1.75	Siemens Advia Centaur
	mU/I	0.870	0.653	1.09	Abbott AXSYM
	mU/I	3.41	2.56	4.26	Siemens Immulite 1000
	mU/I	0.890	0.668	1.11	Roche Modular E170
	mU/I	3.79	2.84	4.74	Siemens Immulite 2000
	mU/I	0.728	0.546	0.910	Roche Elecsys
	mU/I	0.759	0.533	0.985	Roche Cobas E411
	mU/I	0.544	0.462	0.626	Beckman DxI800
Luteinising Hormone (LH)	mU/ml	3.61	3.03	4.19	Abbott AXSYM
	mU/ml	3.18	2.70	3.66	Beckman Access
	mU/ml	3.48	2.96	4.00	bioMerieux Vidas
	mU/ml	6.49	4.56	8.42	Siemens Immulite 1000
	mU/ml	3.74	3.18	4.30	Tosoh

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Luteinising Hormone (LH)	mU/ml	4.29	3.65	4.93	Roche Elecsys
	mU/ml	9.08	7.46	10.7	Vitros ECi
	mU/ml	4.09	3.48	4.70	Siemens Advia Centaur
	mU/ml	6.21	5.04	7.38	Siemens Immulite 2000
	mU/ml	3.38	2.87	3.89	Abbott Architect
	mU/ml	4.74	3.96	5.52	Diasorin Liaison
	mU/ml	4.48	3.81	5.15	Roche Modular E170
	mU/ml	3.37	2.86	3.88	Beckman Dxl800
	mU/ml	4.33	3.68	4.98	Roche Cobas E411
	mU/ml	4.44	3.77	5.11	Roche Cobas 6000
Oestradiol	mU/ml	3.70	2.90	4.50	Pishtaz Teb- ELISA
	pmol/l	92.3	66.3	118	bioMerieux Vidas
	pg/ml	25.1	18.0	32.2	
	pmol/l	196	147	245	Roche Elecsys
	pg/ml	53.3	40.0	66.6	
	pmol/l	94.0	70.5	118	Siemens Immulite 2000/2500
	pg/ml	25.6	19.2	32.0	
	pmol/l	219	186	252	Abbott Architect
	pg/ml	59.6	50.6	68.6	
	pmol/l	210	163	257	Roche Modular E170
	pg/ml	57.1	44.3	69.9	
	pmol/l	211	158	264	Beckman Dxl800
	pg/ml	57.4	43.0	71.8	
Parathyroid Hormone (PTH)	pmol/l	206	160	252	Roche Cobas 6000
	pg/ml	56.0	43.5	68.5	
	pmol/l	190	135	245	Roche Cobas E411
	pg/ml	51.7	36.7	66.7	
	pmol/l	3.45	2.59	4.31	Siemens Immulite 1000
	pg/ml	32.8	24.6	41.0	
	pmol/l	4.03	3.22	4.84	Siemens Immulite 2000
	pg/ml	38.3	30.6	46.0	
	pmol/l	4.36	3.27	5.45	Roche Elecsys
	pg/ml	41.4	31.1	51.7	
	pmol/l	4.78	3.38	6.18	Roche Modular E170
	pg/ml	45.4	32.1	58.7	
	pmol/l	2.67	2.00	3.34	Abbott Architect
pg/ml	25.4	19.0	31.8		
Phenytoin	pmol/l	5.01	4.26	5.76	Roche Cobas E411
	pg/ml	47.6	40.5	54.7	
	pmol/l	1.89	1.56	2.22	Beckman Dxl800
	pg/ml	17.9	14.8	21.0	
	µmol/l	17.1	14.5	19.7	Siemens Advia Centaur
	µg/ml	4.32	3.66	4.98	
	µmol/l	18.1	15.4	20.8	Abbott AXSYM
	µg/ml	4.57	3.89	5.25	
µmol/l	11.8	10.0	13.6	Vitros	
µg/ml	2.98	2.53	3.43		

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Phenytoin	µmol/l	16.8	14.3	19.3	Siemens Immulite 1000
	µg/ml	4.24	3.61	4.87	
	µmol/l	16.3	13.9	18.7	Roche Integra
	µg/ml	4.12	3.51	4.73	
	µmol/l	14.6	12.4	16.8	Roche Modular E170
	µg/ml	3.69	3.13	4.25	
Progesterone	µmol/l	16.2	13.8	18.6	Abbott Architect
	µg/ml	4.09	3.48	4.70	
	nmol/l	4.73	3.55	5.91	Beckman Access
	ng/ml	1.48	1.11	1.85	
	nmol/l	3.33	2.38	4.28	Abbott AXSYM
	ng/ml	1.04	0.745	1.34	
	nmol/l	4.13	3.10	5.16	Siemens Immulite 1000
	ng/ml	1.29	0.970	1.61	
	nmol/l	4.24	3.41	5.07	bioMerieux Vidas
	ng/ml	1.33	1.07	1.59	
	nmol/l	2.84	2.22	3.46	Roche Elecsys
	ng/ml	0.889	0.695	1.08	
Prolactin	nmol/l	4.09	3.07	5.11	Siemens Advia Centaur
	ng/ml	1.28	0.961	1.60	
	nmol/l	3.98	3.30	4.66	Siemens Immulite 2000/2500
	ng/ml	1.25	1.03	1.47	
	nmol/l	3.87	3.19	4.55	Abbott Architect
	ng/ml	1.21	1.00	1.42	
	nmol/l	2.96	2.52	3.40	Roche Modular E170
	ng/ml	0.926	0.789	1.06	
	nmol/l	4.20	3.27	5.13	Beckman DxI800
	ng/ml	1.31	1.02	1.60	
	nmol/l	2.83	2.41	3.25	Roche Cobas E411
	ng/ml	0.886	0.754	1.02	
Prolactin	nmol/l	2.81	2.39	3.23	Roche Cobas 6000
	ng/ml	0.880	0.748	1.01	
	µU/ml	120	102	138	Beckman Access
	µU/ml	155	129	181	Abbott AXSYM
	µU/ml	128	102	154	bioMerieux Vidas
	µU/ml	139	113	165	Siemens Immulite 1000
	µU/ml	107	76.9	137	Tosoh
	µU/ml	128	109	147	Roche Elecsys
	µU/ml	212	180	244	Vitros ECi
	µU/ml	124	105	143	Siemens Advia Centaur
	µU/ml	119	101	137	Siemens Immulite 2000/2500
	µU/ml	147	125	169	Abbott Architect
µU/ml	143	122	164	Diasorin Liaison	
µU/ml	127	108	146	Roche Modular E170	
µU/ml	119	101	137	Beckman DxI800	

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Prolactin	µU/ml	129	110	148	Roche Modular E170 2nd Gen prolactin II
	µU/ml	128	109	147	Roche Elecsys 2nd Gen. prolactin II
	µU/ml	126	107	145	Roche Cobas E411
	µU/ml	128	109	147	Roche Cobas 6000
	µU/ml	171	151	191	Pishtaz Teb- ELISA
PSA Free	ng/ml = µg/l	1.09	0.914	1.27	Siemens Immulite 1000
	ng/ml = µg/l	1.17	0.995	1.35	Siemens Immulite 2000/2500
	ng/ml = µg/l	0.877	0.680	1.07	Abbott Axsym - monoclonal
	ng/ml = µg/l	1.11	0.944	1.28	Roche Elecsys
	ng/ml = µg/l	1.08	0.918	1.24	Abbott Architect
	ng/ml = µg/l	1.12	0.952	1.29	Siemens Advia Centaur
	ng/ml = µg/l	0.465	0.395	0.535	Diasorin Liaison
	ng/ml = µg/l	1.12	0.952	1.29	Roche Modular E170
	ng/ml = µg/l	1.65	1.40	1.90	Beckman DxI800
	ng/ml = µg/l	1.10	0.935	1.27	Roche Cobas E411
PSA Total	ng/ml = µg/l	1.12	0.952	1.29	Roche Cobas 6000
	ng/ml = µg/l	1.17	0.995	1.35	Abbott Axsym - polyclonal
	ng/ml = µg/l	1.12	0.952	1.29	Abbott Axsym - monoclonal
	ng/ml = µg/l	1.20	0.913	1.49	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	1.60	1.36	1.84	Roche Elecsys
	ng/ml = µg/l	1.56	1.33	1.79	Beckman Access
	ng/ml = µg/l	0.985	0.760	1.21	Tosoh
	ng/ml = µg/l	1.49	1.25	1.73	Beckman Access-non-standardised results
	ng/ml = µg/l	1.40	1.19	1.61	Bayer ADVIA Centaur (equimolar)
	ng/ml = µg/l	1.43	1.22	1.64	bioMerieux VIDAS TPSA
	ng/ml = µg/l	1.33	1.13	1.53	Siemens Advia Centaur
	ng/ml = µg/l	1.17	0.957	1.38	Siemens Immulite 2000/2500 1st generation
	ng/ml = µg/l	1.37	1.16	1.58	Abbott Architect
	ng/ml = µg/l	0.826	0.702	0.950	Siemens Immulite 1000 3rd generation
	ng/ml = µg/l	0.968	0.726	1.21	Siemens Immulite 2000/2500 3rd generation
	ng/ml = µg/l	0.590	0.502	0.678	Vitros ECi
	ng/ml = µg/l	0.522	0.408	0.636	Diasorin Liaison
	ng/ml = µg/l	1.63	1.39	1.87	Roche Modular E170
	ng/ml = µg/l	1.31	1.11	1.51	Siemens Dimension equimolar
	ng/ml = µg/l	1.49	1.27	1.71	Beckman Access standardised to IRP96/670
ng/ml = µg/l	1.47	1.25	1.69	Beckman DxI800 non-standardised	
ng/ml = µg/l	1.29	1.04	1.54	Beckman DxI800 standardised to IRP96/670	
ng/ml = µg/l	1.59	1.35	1.83	Roche Cobas E411	
ng/ml = µg/l	1.59	1.35	1.83	Roche Cobas 6000	
ng/ml = µg/l	1.45	1.27	1.63	Pishtaz Teb- ELISA	
SHBG	nmol/l	9.57	8.13	11.0	Siemens Immulite 2000/2500
	nmol/l	9.58	8.14	11.0	Roche Elecsys
	nmol/l	10.4	8.84	12.0	Roche Modular E170
	nmol/l	10.1	8.59	11.6	Roche Cobas E411
	nmol/l	9.50	8.08	10.9	Roche Cobas 6000
T Uptake	%U	41.4	33.9	48.9	Siemens Immulite 1000

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
T Uptake	%U	32.5	31.0	34.0	Pishtaz Teb- ELISA
Testosterone	nmol/l	2.08	1.54	2.62	Abbott AXSYM
	ng/ml	0.599	0.444	0.750	
	ng/dl	59.9	44.4	75.4	
	nmol/l	3.23	2.42	4.04	Siemens Immulite 1000
	ng/ml	0.930	0.697	1.16	
	ng/dl	93.0	69.7	116	
	nmol/l	2.26	1.70	2.82	Roche Elecsys
	ng/ml	0.651	0.490	0.810	
	ng/dl	65.1	49.0	81.2	
	nmol/l	2.05	1.47	2.63	Siemens Advia Centaur
	ng/ml	0.590	0.423	0.760	
	ng/dl	59.0	42.3	75.7	
	nmol/l	2.87	2.32	3.42	Siemens Immulite 2000/2500
	ng/ml	0.827	0.668	0.990	
	ng/dl	82.7	66.8	98.6	
	nmol/l	3.13	2.29	3.97	Abbott Architect
	ng/ml	0.901	0.660	1.14	
	ng/dl	90.1	66.0	114	
	nmol/l	3.08	2.19	3.97	bioMerieux Vidas
	ng/ml	0.887	0.631	1.14	
ng/dl	88.7	63.1	114		
nmol/l	2.43	1.98	2.88	Beckman Access	
ng/ml	0.700	0.570	0.830		
ng/dl	70.0	57.0	83.0		
nmol/l	2.59	2.10	3.08	Roche Modular E170	
ng/ml	0.746	0.605	0.890		
ng/dl	74.6	60.5	88.7		
nmol/l	2.19	1.82	2.56	Beckman DxI800	
ng/ml	0.631	0.524	0.740		
ng/dl	63.1	52.4	73.8		
nmol/l	2.51	2.13	2.89	Roche Cobas 6000	
ng/ml	0.723	0.613	0.830		
ng/dl	72.3	61.3	83.3		
Theophylline	µmol/l	28.0	23.8	32.2	Abbott AXSYM
	µg/ml	5.05	4.29	5.81	
	µmol/l	29.4	23.2	35.6	Siemens Dimension
	µg/ml	5.30	4.18	6.42	
µmol/l	29.3	24.9	33.7	Abbott Architect	
µg/ml	5.28	4.49	6.07		
Thyroglobulin	ng/ml	8.27	7.03	9.51	Roche Elecsys
	ng/ml	9.16	7.79	10.5	Roche Modular E170
	ng/ml	8.81	7.49	10.1	Roche Cobas 6000
Thyroid Stimulating Hormone	µU/ml = mIU/l	0.152	0.116	0.188	Abbott AxSYM Ultrasensitive hTSH II
	µU/ml = mIU/l	0.124	0.095	0.153	bioMerieux VIDAS TSH
	µU/ml = mIU/l	0.173	0.126	0.220	Siemens Immulite 1000

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Thyroid Stimulating Hormone	µU/ml = mIU/l	0.196	0.167	0.225	Roche Elecsys
	µU/ml = mIU/l	0.141	0.115	0.167	Beckman Access hyperTSH 3rd Generation
	µU/ml = mIU/l	0.232	0.163	0.301	Tosoh
	µU/ml = mIU/l	0.308	0.238	0.378	Vitros ECI
	µU/ml = mIU/l	0.156	0.115	0.197	Siemens Advia Centaur
	µU/ml = mIU/l	0.138	0.117	0.159	Siemens Immulite 2000/2500
	µU/ml = mIU/l	0.140	0.119	0.161	Abbott Architect Ultrasensitive hTSH II
	µU/ml = mIU/l	0.154	0.131	0.177	Abbott AxSYM 3rd generation
	µU/ml = mIU/l	0.192	0.163	0.221	Diasorin Liaison
	µU/ml = mIU/l	0.203	0.173	0.233	Roche Modular E170
	µU/ml = mIU/l	0.130	0.111	0.149	bioMerieux VIDAS TSH3 Ultrasensitive
	µU/ml = mIU/l	0.132	0.112	0.152	Beckman Dxl800
	µU/ml = mIU/l	0.152	0.129	0.175	Bayer Advia Centaur 3rd Generation
	µU/ml = mIU/l	0.167	0.142	0.192	Beckman Coulter AU3000i
	µU/ml = mIU/l	0.204	0.173	0.235	Roche Cobas E411
	µU/ml = mIU/l	0.202	0.172	0.232	Roche Cobas 6000
µU/ml = mIU/l	0.160	0.110	0.210	Pishtaz Teb- ELISA	
Total T3	nmol/l	1.39	1.10	1.68	Abbott AXSYM
	ng/ml	0.905	0.716	1.09	
	ng/dl	90.5	71.6	109	
	nmol/l	1.37	1.15	1.59	bioMerieux Vidas
	ng/ml	0.892	0.749	1.04	
	ng/dl	89.2	74.9	104	
	nmol/l	1.21	0.908	1.51	Siemens Immulite 1000
	ng/ml	0.788	0.591	0.990	
	ng/dl	78.8	59.1	98.5	
	nmol/l	2.40	1.91	2.89	Roche Elecsys
	ng/ml	1.56	1.24	1.88	
	ng/dl	156	124	188	
	nmol/l	2.09	1.72	2.46	Beckman Access
	ng/ml	1.36	1.12	1.60	
	ng/dl	136	112	160	
	nmol/l	1.15	0.978	1.32	Siemens Advia Centaur
	ng/ml	0.749	0.637	0.860	
	ng/dl	74.9	63.7	86.1	
	nmol/l	1.21	1.02	1.40	Siemens Immulite 2000/2500
	ng/ml	0.788	0.664	0.910	
ng/dl	78.8	66.4	91.2		
nmol/l	1.42	1.21	1.63	Abbott Architect	
ng/ml	0.924	0.788	1.06		
ng/dl	92.4	78.8	106		
nmol/l	1.58	1.34	1.82	Vitros ECI	
ng/ml	1.03	0.872	1.19		
ng/dl	103	87.2	119		
nmol/l	2.24	1.90	2.58	Roche Modular E170	
ng/ml	1.46	1.24	1.68		
ng/dl	146	124	168		

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T3	nmol/l	1.83	1.54	2.12	Beckman DxI800
	ng/ml	1.19	1.00	1.38	
	ng/dl	119	100	138	
	nmol/l	2.35	1.99	2.71	Roche Cobas E411
	ng/ml	1.53	1.30	1.76	
	ng/dl	153	130	176	
	nmol/l	2.21	1.88	2.54	Roche Cobas 6000
	ng/ml	1.44	1.22	1.66	
	ng/dl	144	122	166	
	nmol/l	1.12	1.00	1.25	Pishtaz Teb- ELISA
	ng/ml	0.750	0.680	0.820	
	ng/dl	75.0	68.0	82.0	
Total T4	nmol/l	26.4	22.4	30.4	Vitros ECI
	µg/dl	2.06	1.75	2.37	
	ng/ml	20.6	17.5	23.7	
	nmol/l	36.5	27.4	45.6	Abbott AXSYM
	µg/dl	2.85	2.14	3.56	
	ng/ml	28.5	21.4	35.6	
	nmol/l	31.0	25.3	36.7	bioMerieux Vidas
	µg/dl	2.42	1.97	2.87	
	ng/ml	24.2	19.7	28.7	
	nmol/l	22.2	16.7	27.7	Siemens Immulite 1000
	µg/dl	1.73	1.30	2.16	
	ng/ml	17.3	13.0	21.6	
	nmol/l	38.3	31.5	45.1	Roche Elecsys
	µg/dl	2.99	2.46	3.52	
	ng/ml	29.9	24.6	35.2	
	nmol/l	24.9	21.2	28.6	Beckman Access
	µg/dl	1.94	1.65	2.23	
	ng/ml	19.4	16.5	22.3	
	nmol/l	25.2	18.9	31.5	Tosoh
	µg/dl	1.97	1.47	2.47	
	ng/ml	19.7	14.7	24.7	
	nmol/l	20.6	15.5	25.8	Siemens Advia Centaur
	µg/dl	1.61	1.21	2.01	
	ng/ml	16.1	12.1	20.1	
nmol/l	23.1	19.4	26.8	Siemens Immulite 2000/2500	
µg/dl	1.80	1.51	2.09		
ng/ml	18.0	15.1	20.9		
nmol/l	42.8	35.6	50.0	Abbott Architect	
µg/dl	3.34	2.78	3.90		
ng/ml	33.4	27.8	39.0		
nmol/l	35.9	30.5	41.3	Roche Modular E170	
µg/dl	2.80	2.38	3.22		
ng/ml	28.0	23.8	32.2		

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Total T4	nmol/l	23.7	18.3	29.1	Beckman DxI800	
	µg/dl	1.85	1.43	2.27		
	ng/ml	18.5	14.3	22.7		
	nmol/l	32.8	27.9	37.7	Beckman Coulter AU3000i	
		µg/dl	2.56	2.18		2.94
		ng/ml	25.6	21.8		29.4
	nmol/l	38.9	28.9	48.9	Roche Cobas E411	
		µg/dl	3.03	2.25		3.81
		ng/ml	30.3	22.5		38.1
	nmol/l	34.8	29.6	40.0	Roche Cobas 6000	
		µg/dl	2.71	2.31		3.11
		ng/ml	27.1	23.1		31.1
nmol/l	25.7	16.7	34.7	Pishtaz Teb- ELISA		
	µg/dl	2.00	1.30		2.70	
	ng/ml	20.0	13.0		27.0	
Valproic Acid	µmol/l	201	171	231	Abbott AXSYM	
	µg/ml	29.0	24.7	33.3		
	µmol/l	218	185	251	Siemens Immulite 1000	
		µg/ml	31.5	26.7		36.3
	µmol/l	199	168	230	Roche Integra	
		µg/ml	28.7	24.2		33.2
	µmol/l	220	187	253	Siemens Immulite 2000/2500	
		µg/ml	31.7	27.0		36.4
	µmol/l	202	152	252	Siemens Advia Centaur	
		µg/ml	29.1	21.9		36.3
	µmol/l	210	179	241	Siemens Dimension	
		µg/ml	30.3	25.8		34.8
µmol/l	206	175	237	Roche Modular E170		
	µg/ml	29.7	25.3		34.1	
µmol/l	189	161	217	Abbott Architect		
	µg/ml	27.3	23.2		31.4	
Vitamin B12	pmol/l	208	160	256	Abbott AXSYM	
	pg/ml	282	217	347		
	pmol/l	242	172	312	Roche Elecsys	
		pg/ml	328	233		423
	pmol/l	198	168	228	Siemens Immulite 1000	
		pg/ml	268	228		308
	pmol/l	217	173	261	Siemens Advia Centaur	
		pg/ml	294	234		354
	pmol/l	163	130	196	Siemens Immulite 2000	
		pg/ml	221	176		266
	pmol/l	204	173	235	Abbott Architect	
		pg/ml	276	234		318
pmol/l	218	185	251	Vitros ECi		
	pg/ml	295	251		339	
pmol/l	222	189	255	Roche Modular E170		
	pg/ml	301	256		346	

IMMUNOASSAY CONTROL LEVEL 1 (IA CONTROL 1)

Art.-Nr.: KG2638/KG2633 Ch.-B.: 795EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Vitamin B12	pmol/l	181	154	208	Beckman Dxl800
	pg/ml	245	209	281	
	pmol/l	244	183	305	Roche Cobas E411
	pg/ml	331	248	414	
	pmol/l	222	189	255	Roche Cobas 6000
	pg/ml	301	256	346	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
17-OH-Progesterone	nmol/l	16.4	13.8	19.0	Siemens Coat-a-Count
	ng/ml	5.43	4.57	6.29	
	nmol/l	16.8	12.2	21.4	DSL
	ng/ml	5.56	4.04	7.08	
Alphafoetoprotein	KIU/l = IU/ml	47.7	40.1	55.3	Abbott AXSYM
	ng/ml	57.7	48.5	66.9	
	KIU/l = IU/ml	40.1	32.1	48.1	bioMerieux Vidas
	ng/ml	48.5	38.8	58.2	
	KIU/l = IU/ml	43.0	35.8	50.2	Siemens Immulite 1000
	ng/ml	52.0	43.3	60.7	
	KIU/l = IU/ml	47.5	40.4	54.6	Roche Elecsys
	ng/ml	57.5	48.9	66.1	
	KIU/l = IU/ml	47.3	39.7	54.9	Beckman Access
	ng/ml	57.2	48.0	66.4	
	KIU/l = IU/ml	51.7	43.9	59.5	Siemens Advia Centaur
	ng/ml	62.6	53.1	72.1	
	KIU/l = IU/ml	45.1	38.3	51.9	Siemens Immulite 2000/2500
	ng/ml	54.6	46.3	62.9	
	KIU/l = IU/ml	49.2	41.8	56.6	Abbott Architect
	ng/ml	59.5	50.6	68.4	
	KIU/l = IU/ml	47.6	40.5	54.7	Diasorin RIA
	ng/ml	57.6	49.0	66.2	
KIU/l = IU/ml	48.0	40.8	55.2	Roche Modular E170	
ng/ml	58.1	49.4	66.8		
KIU/l = IU/ml	45.3	36.9	53.7	Beckman DxI800	
ng/ml	54.8	44.6	65.0		
KIU/l = IU/ml	47.9	40.7	55.1	Roche Cobas 6000	
ng/ml	58.0	49.2	66.8		
KIU/l = IU/ml	48.3	41.1	55.5	Roche Cobas E411	
ng/ml	58.4	49.7	67.1		
KIU/l = IU/ml	54.5	42.9	66.1	Pishtaz Teb- ELISA	
ng/ml	66.0	52.0	80.0		
Beta-2-microglobulin	µg/ml = mg/l	3.90	3.32	4.48	Siemens Immulite 1000
	µg/ml = mg/l	3.66	3.11	4.21	bioMerieux Vidas
	µg/ml = mg/l	3.75	3.19	4.31	Roche Tinaquant
	µg/ml = mg/l	2.92	2.31	3.53	Abbott AXSYM
	µg/ml = mg/l	3.47	2.94	4.00	Siemens Immulite 2000/2500
CA 15-3	U/ml	40.6	34.5	46.7	Roche Elecsys
	U/ml	38.6	32.8	44.4	bioMerieux Vidas
	U/ml	50.2	41.1	59.3	Siemens Advia Centaur
	U/ml	44.1	37.5	50.7	Abbott Architect
	U/ml	55.0	44.8	65.2	Siemens Immulite 2000/2500

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
CA 15-3	U/ml	35.2	29.9	40.5	Abbott AXSYM
	U/ml	38.0	32.3	43.7	Vitros ECi
	U/ml	40.8	34.7	46.9	Diasorin Liaison
	U/ml	40.6	34.5	46.7	Roche Modular E170
	U/ml	24.6	20.9	28.3	Beckman Access
	U/ml	27.2	23.1	31.3	Beckman DxI800
	U/ml	39.9	33.9	45.9	Roche Cobas 6000
	U/ml	41.0	34.6	47.4	Roche Cobas E411
CA 19-9	U/ml	70.4	58.6	82.2	Abbott AXSYM
	U/ml	80.7	60.5	101	Siemens Immulite 1000
	U/ml	72.1	61.3	82.9	bioMerieux Vidas
	U/ml	66.2	56.3	76.1	Roche Elecsys
	U/ml	104	88.4	120	Siemens Advia Centaur
	U/ml	73.0	62.1	83.9	Siemens Immulite 2000/2500
	U/ml	305	230	380	Abbott Architect
	U/ml	134	114	154	Vitros ECi
	U/ml	66.5	56.5	76.5	Roche Modular E170
	U/ml	79.7	67.7	91.7	Beckman Access
	U/ml	72.8	61.9	83.7	Beckman DxI800
	U/ml	305	259	351	Abbott Architect XR kit
	U/ml	65.2	55.4	75.0	Roche Cobas 6000
	U/ml	64.4	54.7	74.1	Roche Cobas E411
CA125	U/ml	84.7	69.0	100	Abbott AXSYM
	U/ml	85.6	70.1	101	Siemens Immulite 1000
	U/ml	72.9	62.0	83.8	bioMerieux Vidas
	U/ml	77.4	65.8	89.0	Roche Elecsys
	U/ml	79.8	67.8	91.8	Bayer ADVIA Centaur OV kit
	U/ml	74.3	63.2	85.4	Siemens Immulite 2000/2500
	U/ml	74.5	63.3	85.7	Vitros ECi
	U/ml	111	94.4	128	Diasorin Liaison
	U/ml	77.9	66.2	89.6	Roche Modular E170
	U/ml	99.5	84.6	114	Abbott Architect
	U/ml	81.6	69.4	93.8	Bayer ADVIA Centaur CA125 II kit
	U/ml	69.7	59.2	80.2	Beckman Access
	U/ml	71.3	60.6	82.0	Beckman DxI800
	U/ml	79.5	67.6	91.4	Roche Cobas E411
U/ml	75.8	64.4	87.2	Roche Cobas 6000	
Carbamazepine	µmol/l	32.8	27.9	37.7	Vitros
	µg/ml	7.75	6.60	8.90	
	µmol/l	36.4	30.9	41.9	Abbott AXSYM
	µg/ml	8.60	7.30	9.90	
	µmol/l	34.6	29.4	39.8	Siemens Advia Centaur
	µg/ml	8.18	6.95	9.41	
	µmol/l	34.9	28.8	41.0	Siemens Immulite 1000
	µg/ml	8.25	6.81	9.69	
µmol/l	40.9	34.4	47.4	Roche Integra	
µg/ml	9.67	8.13	11.2		

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Parameter	Einheit	Bereich			Methoden
		Zielwert	von	bis	
Carbamazepine	µmol/l	37.6	30.3	44.9	Hitachi 911/912/917
	µg/ml	8.89	7.16	10.6	
	µmol/l	32.3	27.5	37.1	Siemens Immulite 2000/2500
	µg/ml	7.64	6.50	8.78	
	µmol/l	35.5	30.2	40.8	Siemens Dimension
	µg/ml	8.39	7.14	9.64	
	µmol/l	37.4	31.8	43.0	Roche Modular E170
	µg/ml	8.84	7.52	10.2	
µmol/l	40.5	34.4	46.6	Abbott Architect	
	µg/ml	9.57	8.13		11.0
Carcinoembryonic Antigen (CEA)	ng/ml = µg/l	26.0	22.1	29.9	Abbott AXSYM
	ng/ml = µg/l	24.9	21.2	28.6	bioMerieux Vidas
	ng/ml = µg/l	33.6	28.6	38.6	Siemens Immulite 1000
	ng/ml = µg/l	21.8	18.5	25.1	Roche Elecsys
	ng/ml = µg/l	34.4	29.2	39.6	Tosoh
	ng/ml = µg/l	27.0	23.0	31.0	Vitros Eci
	ng/ml = µg/l	26.7	22.7	30.7	Beckman Access
	ng/ml = µg/l	26.5	22.5	30.5	Siemens Advia Centaur
	ng/ml = µg/l	33.8	28.7	38.9	Siemens Immulite 2000/2500
	ng/ml = µg/l	25.6	21.8	29.4	Abbott Architect
	ng/ml = µg/l	25.0	20.2	29.8	Diasorin Liaison
	ng/ml = µg/l	22.0	18.7	25.3	Roche Modular E170
	ng/ml = µg/l	26.1	22.2	30.0	Beckman DxI800
	ng/ml = µg/l	21.6	18.4	24.8	Roche Cobas 6000
	ng/ml = µg/l	21.3	18.1	24.5	Roche Cobas E411
ng/ml = µg/l	45.0	39.0	51.0	Pishtaz Teb- ELISA	
Cortisol	nmol/l	700	595	805	Abbott AXSYM
	µg/dl	25.2	21.4	29.0	
	nmol/l	570	454	686	bioMerieux Vidas
	µg/dl	20.5	16.3	24.7	
	nmol/l	709	522	896	Siemens Immulite 1000
	µg/dl	25.5	18.8	32.2	
	nmol/l	657	558	756	Roche Elecsys
	µg/dl	23.7	20.1	27.3	
	nmol/l	722	522	922	Beckman Access
	µg/dl	26.0	18.8	33.2	
	nmol/l	710	604	816	Siemens Advia Centaur
	µg/dl	25.6	21.7	29.5	
	nmol/l	657	558	756	Siemens Immulite 2000/2500
	µg/dl	23.7	20.1	27.3	
	nmol/l	637	541	733	Abbott Architect
	µg/dl	22.9	19.5	26.3	
nmol/l	527	448	606	Diasorin Liaison	
µg/dl	19.0	16.1	21.9		
nmol/l	640	544	736	Roche Modular E170	
µg/dl	23.0	19.6	26.4		

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Cortisol	nmol/l	617	524	710	Beckman DxI800
	µg/dl	22.2	18.9	25.5	
	nmol/l	652	554	750	Roche Cobas 6000
	µg/dl	23.5	19.9	27.1	
	nmol/l	693	589	797	Roche Cobas E411
	µg/dl	24.9	21.2	28.6	
DHEA-S	µmol/l	14.8	12.0	17.6	Siemens Immulite 1000
	µmol/l	13.2	10.9	15.5	Siemens Immulite 2000/2500
	µmol/l	17.8	15.1	20.5	Roche Elecsys
	µmol/l	18.4	15.6	21.2	Roche Modular E170
	µmol/l	20.0	16.8	23.2	Abbott Architect
	µmol/l	15.6	13.3	17.9	Beckman DxI800
	µmol/l	18.9	15.5	22.3	Roche Cobas E411
	µmol/l	18.0	15.3	20.7	Roche Cobas 6000
Digoxin	nmol/L	2.98	2.40	3.56	Beckman Access
	ng/ml	2.33	1.87	2.79	
	nmol/L	3.28	2.69	3.87	Abbott AXSYM
	ng/ml	2.56	2.10	3.02	
	nmol/L	3.45	2.93	3.97	Vitros
	ng/ml	2.69	2.29	3.09	
	nmol/L	3.65	3.10	4.20	Siemens Immulite 1000
	ng/ml	2.85	2.42	3.28	
	nmol/L	2.77	2.25	3.29	bioMerieux Vidas
	ng/ml	2.16	1.76	2.56	
	nmol/L	3.27	2.45	4.09	Roche Elecsys
	ng/ml	2.55	1.91	3.19	
	nmol/L	3.37	2.86	3.88	Roche Integra
	ng/ml	2.63	2.23	3.03	
	nmol/L	3.31	2.81	3.81	Siemens Immulite 2000/2500
	ng/ml	2.59	2.19	2.99	
	nmol/L	3.30	2.81	3.79	Siemens Advia Centaur
ng/ml	2.58	2.19	2.97		
nmol/L	3.23	2.75	3.71	Roche Modular E170	
ng/ml	2.52	2.15	2.89		
nmol/L	2.78	2.36	3.20	Abbott Architect	
ng/ml	2.17	1.84	2.50		
nmol/L	3.15	2.68	3.62	Siemens Dimension	
ng/ml	2.46	2.09	2.83		
Ferritin	ng/ml = µg/l	82.9	70.5	95.3	Abbott AXSYM
	ng/ml = µg/l	79.2	61.7	96.7	bioMerieux Vidas
	ng/ml = µg/l	79.0	67.2	90.8	Siemens Immulite 1000
	ng/ml = µg/l	85.5	72.7	98.3	Roche Elecsys
	ng/ml = µg/l	63.9	54.3	73.5	Beckman Access
	ng/ml = µg/l	58.3	49.6	67.0	Vitros ECI
	ng/ml = µg/l	78.0	66.3	89.7	Siemens Advia Centaur

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Ferritin	ng/ml = µg/l	81.8	69.5	94.1	Siemens Immulite 2000/2500
	ng/ml = µg/l	83.9	71.3	96.5	Abbott Architect
	ng/ml = µg/l	87.5	74.4	101	Roche Modular E170
	ng/ml = µg/l	83.1	70.6	95.6	Siemens Dimension
	ng/ml = µg/l	62.2	49.1	75.3	Beckman DxI800
	ng/ml = µg/l	87.9	74.7	101	Roche Cobas E411
	ng/ml = µg/l	88.7	75.4	102	Roche Cobas 6000
	ng/ml = µg/l	75.0	60.0	90.0	Pishtaz Teb- ELISA
Folate	nmol/l	24.2	20.6	27.8	Abbott AXSYM
	ng/ml	10.7	9.08	12.3	
	nmol/l	21.4	15.1	27.7	Siemens Immulite 1000
	ng/ml	9.44	6.66	12.2	
	nmol/l	26.8	21.3	32.3	Roche Elecsys
	ng/ml	11.8	9.39	14.2	
	nmol/l	16.9	14.4	19.4	Siemens Immulite 2000
	ng/ml	7.45	6.35	8.55	
	nmol/l	11.4	8.22	14.6	Vitros ECi
	ng/ml	5.03	3.63	6.43	
	nmol/l	21.2	18.0	24.4	Abbott Architect
	ng/ml	9.35	7.94	10.8	
	nmol/l	28.1	23.3	32.9	Roche Modular E170
	ng/ml	12.4	10.3	14.5	
	nmol/l	46.3	34.7	57.9	Bayer ADVIA Centaur (enhanced kit)
	ng/ml	20.4	15.3	25.5	
	nmol/l	19.6	16.7	22.5	Beckman DxI800
	ng/ml	8.64	7.36	9.92	
	nmol/l	32.7	24.5	40.9	Roche Cobas E411
	ng/ml	14.4	10.8	18.0	
nmol/l	26.0	22.1	29.9	Roche Cobas 6000	
ng/ml	11.5	9.75	13.3		
nmol/l	20.6	17.5	23.7	Abbott Architect restandardised	
ng/ml	9.08	7.72	10.4		
Free T3	pmol/l	23.2	19.7	26.7	Tosoh
	ng/dl	1.51	1.28	1.74	
	pg/ml	15.1	12.8	17.4	
	pmol/l	18.7	15.9	21.5	Abbott AXSYM
	ng/dl	1.22	1.03	1.41	
	pg/ml	12.2	10.4	14.0	
	pmol/l	17.2	14.6	19.8	bioMerieux Vidas
	ng/dl	1.12	0.949	1.29	
	pg/ml	11.2	9.50	12.9	
	pmol/l	21.0	17.9	24.1	Roche Elecsys
	ng/dl	1.37	1.16	1.58	
	pg/ml	13.7	11.7	15.7	
	pmol/l	16.2	13.7	18.7	Beckman Access
	ng/dl	1.05	0.891	1.21	
pg/ml	10.5	8.92	12.1		

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T3	pmol/l	14.3	11.9	16.7	Siemens Immulite 1000
	ng/dl	0.930	0.774	1.09	
	pg/ml	9.31	7.75	10.9	
	pmol/l	25.6	21.8	29.4	Vitros ECi
	ng/dl	1.66	1.42	1.90	
	pg/ml	16.7	14.2	19.2	
	pmol/l	15.1	12.8	17.4	Siemens Advia Centaur
	ng/dl	0.982	0.832	1.13	
	pg/ml	9.83	8.33	11.3	
	pmol/l	14.7	12.5	16.9	Siemens Immulite 2000/2500
	ng/dl	0.956	0.813	1.10	
	pg/ml	9.57	8.14	11.0	
	pmol/l	18.1	15.4	20.8	Abbott Architect
	ng/dl	1.18	1.00	1.36	
	pg/ml	11.8	10.0	13.6	
	pmol/l	15.3	13.0	17.6	Diasorin Liaison
	ng/dl	0.995	0.845	1.15	
	pg/ml	10.0	8.46	11.5	
	pmol/l	20.4	17.3	23.5	Roche Modular E170
	ng/dl	1.33	1.12	1.54	
	pg/ml	13.3	11.3	15.3	
	pmol/l	15.3	13.0	17.6	Beckman DxI800
	ng/dl	0.995	0.845	1.15	
	pg/ml	10.0	8.46	11.5	
pmol/l	21.9	18.6	25.2	Roche Cobas E411	
ng/dl	1.42	1.21	1.63		
pg/ml	14.3	12.1	16.5		
pmol/l	19.7	16.7	22.7	Roche Cobas 6000	
ng/dl	1.28	1.09	1.47		
pg/ml	12.8	10.9	14.7		
pmol/l	11.9	10.9	13.0	Pishtaz Teb- ELISA	
ng/dl	0.780	0.710	0.850		
pg/ml	7.80	7.10	8.50		
Free T4	pmol/l	17.5	14.9	20.1	Abbott AXSYM
	ng/dl	1.37	1.16	1.58	
	pg/ml	13.7	11.6	15.8	
	pmol/l	24.2	19.3	29.1	bioMerieux Vidas
	ng/dl	1.89	1.51	2.27	
	pg/ml	18.9	15.1	22.7	
	pmol/l	30.4	25.8	35.0	Siemens Immulite 1000
	ng/dl	2.37	2.01	2.73	
	pg/ml	23.7	20.1	27.3	
	pmol/l	30.0	25.5	34.5	Roche Elecsys
	ng/dl	2.34	1.99	2.69	
	pg/ml	23.4	19.9	26.9	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T4	pmol/l	26.4	22.4	30.4	Beckman Access
	ng/dl	2.06	1.75	2.37	
	pg/ml	20.6	17.5	23.7	
	pmol/l	31.6	26.4	36.8	Tosoh
	ng/dl	2.46	2.06	2.86	
	pg/ml	24.6	20.6	28.6	
	pmol/l	43.3	36.8	49.8	Vitros ECi
	ng/dl	3.38	2.87	3.89	
	pg/ml	33.8	28.7	38.9	
	pmol/l	24.5	20.8	28.2	Siemens Advia Centaur
	ng/dl	1.91	1.62	2.20	
	pg/ml	19.1	16.2	22.0	
	pmol/l	31.3	26.6	36.0	Siemens Immulite 2000/2500
	ng/dl	2.44	2.07	2.81	
	pg/ml	24.4	20.7	28.1	
	pmol/l	24.9	21.2	28.6	Abbott Architect
	ng/dl	1.94	1.65	2.23	
	pg/ml	19.4	16.5	22.3	
	pmol/l	37.6	32.0	43.2	Diasorin Liaison
	ng/dl	2.93	2.50	3.36	
	pg/ml	29.3	25.0	33.6	
	pmol/l	29.8	25.3	34.3	Roche Modular E170
	ng/dl	2.32	1.97	2.67	
	pg/ml	23.2	19.7	26.7	
pmol/l	25.5	21.7	29.3	Beckman DxI800	
ng/dl	1.99	1.69	2.29		
pg/ml	19.9	16.9	22.9		
pmol/l	30.9	26.3	35.5	Beckman Coulter AU3000i	
ng/dl	2.41	2.05	2.77		
pg/ml	24.1	20.5	27.7		
pmol/l	29.8	25.3	34.3	Roche Cobas 6000	
ng/dl	2.32	1.97	2.67		
pg/ml	23.2	19.7	26.7		
pmol/l	31.1	26.4	35.8	Roche Cobas E411	
ng/dl	2.43	2.06	2.80		
pg/ml	24.3	20.6	28.0		
pmol/l	37.0	31.0	43.0	Pishtaz Teb- ELISA	
ng/dl	2.90	2.40	3.40		
pg/ml	29.0	24.0	34.0		
FSH	mU/ml	31.8	27.0	36.6	Tosoh
	mU/ml	29.5	25.1	33.9	Siemens Immulite 1000
	mU/ml	33.3	28.3	38.3	bioMerieux Vidas
	mU/ml	25.9	22.0	29.8	Abbott AXSYM
	mU/ml	33.5	28.5	38.5	Beckman Access
	mU/ml	28.6	24.3	32.9	Roche/BM Elecsys
	mU/ml	25.6	21.8	29.4	Vitros ECi

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
FSH	mU/ml	30.8	26.2	35.4	Siemens Advia Centaur
	mU/ml	30.9	26.3	35.5	Siemens Immulite 2000/2500
	mU/ml	24.4	20.7	28.1	Abbott Architect
	mU/ml	38.0	32.3	43.7	Diasorin Liaison
	mU/ml	27.1	23.0	31.2	Roche Modular E170
	mU/ml	31.9	27.1	36.7	Beckman Dxl800
	mU/ml	28.8	24.5	33.1	Roche Cobas E411
	mU/ml	26.8	22.8	30.8	Roche Cobas 6000
	mU/ml	46.0	36.0	56.0	Pishtaz Teb- ELISA
Growth Hormone (GH)	µU/ml	31.2	24.9	37.5	Siemens Immulite 1000
	µU/ml	31.0	22.9	39.1	Siemens Immulite 2000/2500
Human Chorionic Gonadotrophin (HCG)	mU/ml=U/L	28.1	23.9	32.3	Abbott AXSYM
	mU/ml=U/L	31.6	26.0	37.2	bioMerieux Vidas
	mU/ml=U/L	32.4	25.7	39.1	Siemens Immulite 1000
	mU/ml=U/L	22.9	19.5	26.3	Roche Elecsys HCG + Beta
	mU/ml=U/L	19.1	16.2	22.0	Beckman Access
	mU/ml=U/L	32.7	27.8	37.6	Tosoh
	mU/ml=U/L	34.8	29.6	40.0	Vitros ECi
	mU/ml=U/L	21.1	17.9	24.3	Siemens Advia Centaur
	mU/ml=U/L	39.7	33.0	46.4	Siemens Immulite 2000
	mU/ml=U/L	19.1	16.1	22.1	Abbott Architect
	mU/ml=U/L	22.4	19.0	25.8	Roche Modular E170
	mU/ml=U/L	30.4	25.8	35.0	Siemens Dimension
	mU/ml=U/L	18.9	16.1	21.7	Beckman Dxl800
	mU/ml=U/L	24.6	20.9	28.3	Roche Elecsys HCG STAT Intact
	mU/ml=U/L	23.0	19.6	26.4	Roche Cobas E411
	mU/ml=U/L	22.3	19.0	25.6	Roche Cobas 6000
mU/ml=U/L	35.0	26.0	44.0	Pishtaz Teb- ELISA	
Immunoglobulin E	KIU/I = IU/ml	98.7	83.9	114	Siemens Immulite 1000
	KIU/I = IU/ml	83.5	64.0	103	bioMerieux Vidas
	KIU/I = IU/ml	94.6	69.9	119	Beckman Access
	KIU/I = IU/ml	86.5	73.5	99.5	Pharmacia Unicap
	KIU/I = IU/ml	100	85.0	115	Roche Elecsys
	KIU/I = IU/ml	86.3	73.4	99.2	Tosoh
	KIU/I = IU/ml	85.2	72.2	98.2	Siemens Advia Centaur
	KIU/I = IU/ml	97.1	82.5	112	Siemens Immulite 2000/2500
	KIU/I = IU/ml	99.0	84.2	114	Roche Modular E170
	KIU/I = IU/ml	88.6	75.3	102	Beckman Dxl800
	KIU/I = IU/ml	78.8	65.8	91.8	Abbott Architect
	KIU/I = IU/ml	99.7	84.7	115	Roche Cobas E411
	KIU/I = IU/ml	97.5	82.9	112	Roche Cobas 6000
	KIU/I = IU/ml	77.0	68.0	86.0	Pishtaz Teb- ELISA
Insulin	mU/I	14.1	12.0	16.2	Siemens Advia Centaur
	mU/I	12.8	10.9	14.7	Abbott AXSYM
	mU/I	4.26	3.20	5.32	Siemens Immulite 1000
	mU/I	12.0	10.2	13.8	Roche Modular E170

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Insulin	mU/l	12.0	10.0	14.0	Roche Elecsys
	mU/l	11.3	9.61	13.0	Abbott Architect
	mU/l	11.9	10.1	13.7	Roche Cobas E411
	mU/l	11.7	9.69	13.7	Roche Cobas 6000
	mU/l	9.46	8.04	10.9	Beckman DxI800
Luteinising Hormone (LH)	mU/ml	36.3	29.0	43.6	Abbott AXSYM
	mU/ml	31.8	27.0	36.6	Beckman Access
	mU/ml	31.7	26.9	36.5	bioMerieux Vidas
	mU/ml	43.9	37.3	50.5	Siemens Immulite 1000
	mU/ml	34.5	29.3	39.7	Tosoh
	mU/ml	35.7	30.3	41.1	Roche Elecsys
	mU/ml	47.7	40.5	54.9	Vitros ECi
	mU/ml	37.5	31.9	43.1	Siemens Advia Centaur
	mU/ml	44.6	37.8	51.4	Siemens Immulite 2000
	mU/ml	28.6	24.3	32.9	Abbott Architect
	mU/ml	41.0	34.9	47.1	Diasorin Liaison
	mU/ml	36.1	30.7	41.5	Roche Modular E170
	mU/ml	30.1	25.6	34.6	Beckman DxI800
	mU/ml	36.6	31.1	42.1	Roche Cobas E411
	mU/ml	35.3	30.0	40.6	Roche Cobas 6000
Oestradiol	pmol/l	866	736	996	Abbott AXSYM
	pg/ml	236	200	272	
	pmol/l	875	744	1006	bioMerieux Vidas
	pg/ml	238	202	274	
	pmol/l	786	607	965	Siemens Immulite 1000
	pg/ml	214	165	263	
	pmol/l	1003	853	1153	Roche Elecsys
	pg/ml	273	232	314	
	pmol/l	984	797	1171	Beckman Access
	pg/ml	268	217	319	
	pmol/l	801	601	1001	Siemens Advia Centaur
	pg/ml	218	163	273	
	pmol/l	768	653	883	Siemens Immulite 2000/2500
	pg/ml	209	178	240	
	pmol/l	803	683	923	Abbott Architect
	pg/ml	218	186	250	
	pmol/l	1037	881	1193	Roche Modular E170
	pg/ml	282	240	324	
	pmol/l	972	822	1122	Beckman DxI800
	pg/ml	264	224	304	
pmol/l	1036	881	1191	Roche Cobas 6000	
pg/ml	282	240	324		
pmol/l	999	829	1169	Roche Cobas E411	
pg/ml	272	225	319		
Parathyroid Hormone (PTH)	pmol/l	31.2	22.8	39.6	Siemens Advia Centaur
	pg/ml	296	217	375	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Parathyroid Hormone (PTH)	pmol/l	29.4	22.1	36.7	Siemens Immulite 1000
	pg/ml	279	210	348	
	pmol/l	35.2	29.6	40.8	Siemens Immulite 2000
	pg/ml	334	281	387	
	pmol/l	18.7	14.0	23.4	Roche Elecsys
	pg/ml	178	133	223	
	pmol/l	19.2	15.7	22.7	Roche Modular E170
	pg/ml	182	149	215	
	pmol/l	30.7	23.0	38.4	Abbott Architect
	pg/ml	292	218	366	
Phenytoin	pmol/l	18.7	14.5	22.9	Roche Cobas E411
	pg/ml	178	138	218	
	pmol/l	18.6	15.8	21.4	Roche Cobas 6000
	pg/ml	177	150	204	
	pmol/l	26.2	22.3	30.1	Beckman DxI800
	pg/ml	249	212	286	
	µmol/l	68.9	58.6	79.2	Siemens Advia Centaur
	µg/ml	17.4	14.8	20.0	
	µmol/l	61.0	51.9	70.1	Abbott AXSYM
	µg/ml	15.4	13.1	17.7	
Progesterone	µmol/l	54.9	46.7	63.1	Vitros
	µg/ml	13.9	11.8	16.0	
	µmol/l	58.3	47.5	69.1	Siemens Immulite 1000
	µg/ml	14.7	12.0	17.4	
	µmol/l	59.2	50.3	68.1	Roche Integra
	µg/ml	14.9	12.7	17.1	
	µmol/l	58.2	49.5	66.9	Roche Modular E170
	µg/ml	14.7	12.5	16.9	
	µmol/l	60.1	51.1	69.1	Abbott Architect
	µg/ml	15.2	12.9	17.5	
Progesterone	nmol/l	31.4	26.7	36.1	Beckman Access
	ng/ml	9.83	8.36	11.3	
	nmol/l	28.6	23.7	33.5	Abbott AXSYM
	ng/ml	8.95	7.42	10.5	
	nmol/l	29.1	23.3	34.9	Siemens Immulite 1000
	ng/ml	9.11	7.29	10.9	
	nmol/l	30.0	25.5	34.5	Tosoh
	ng/ml	9.39	7.98	10.8	
	nmol/l	33.6	28.6	38.6	bioMerieux Vidas
	ng/ml	10.5	8.95	12.1	
Progesterone	nmol/l	29.6	25.2	34.0	Roche Elecsys
	ng/ml	9.26	7.89	10.6	
	nmol/l	33.8	28.7	38.9	Vitros ECi
	ng/ml	10.6	8.98	12.2	
	nmol/l	28.7	24.4	33.0	Siemens Advia Centaur
	ng/ml	8.98	7.64	10.3	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Parameter	Einheit	Bereich			Methoden	
		Zielwert	von	bis		
Progesterone	nmol/l	25.5	21.6	29.4	Siemens Immulite 2000/2500	
	ng/ml	7.98	6.76	9.20		
	nmol/l	28.0	23.8	32.2	Abbott Architect	
	ng/ml	8.76	7.45	10.1		
	nmol/l	28.9	24.6	33.2	Roche Modular E170	
	ng/ml	9.05	7.70	10.4		
	nmol/l	31.1	26.2	36.0	Beckman DxI800	
	ng/ml	9.73	8.20	11.3		
	nmol/l	30.3	25.8	34.8	Roche Cobas E411	
	ng/ml	9.48	8.08	10.9		
	nmol/l	29.0	24.7	33.3	Roche Cobas 6000	
	ng/ml	9.08	7.73	10.4		
	Prolactin	µU/ml	584	496	672	Beckman Access
		µU/ml	703	591	815	Abbott AXSYM
µU/ml		732	581	883	bioMerieux Vidas	
µU/ml		631	536	726	Siemens Immulite 1000	
µU/ml		514	386	642	Tosoh	
µU/ml		661	562	760	Roche Elecsys	
µU/ml		652	554	750	Vitros ECI	
µU/ml		579	488	670	Siemens Advia Centaur	
µU/ml		589	501	677	Siemens Immulite 2000/2500	
µU/ml		699	594	804	Abbott Architect	
µU/ml		672	571	773	Diasorin Liaison	
µU/ml		656	558	754	Roche Modular E170	
µU/ml		587	499	675	Beckman DxI800	
µU/ml		661	562	760	Roche Modular E170 2nd Gen prolactin II	
µU/ml		660	561	759	Roche Elecsys 2nd Gen. prolactin II	
µU/ml		646	549	743	Roche Cobas E411	
µU/ml		656	558	754	Roche Cobas 6000	
µU/ml		877	783	971	Pishtaz Teb- ELISA	
PSA Free	ng/ml = µg/l	8.85	6.97	10.7	Siemens Immulite 1000	
	ng/ml = µg/l	9.41	8.00	10.8	Siemens Immulite 2000/2500	
	ng/ml = µg/l	8.14	6.57	9.71	Abbott Axsym - monoclonal	
	ng/ml = µg/l	8.73	7.42	10.0	Roche Elecsys	
	ng/ml = µg/l	9.12	7.75	10.5	Abbott Architect	
	ng/ml = µg/l	13.2	11.2	15.2	Beckman Access (Hybritech)	
	ng/ml = µg/l	9.13	7.76	10.5	Siemens Advia Centaur	
	ng/ml = µg/l	3.93	3.34	4.52	Diasorin Liaison	
	ng/ml = µg/l	9.14	7.77	10.5	Roche Modular E170	
	ng/ml = µg/l	8.03	6.83	9.23	Siemens Dimension	
	ng/ml = µg/l	12.6	10.7	14.5	Beckman DxI800	
	ng/ml = µg/l	8.57	7.28	9.86	Roche Cobas E411	
	ng/ml = µg/l	9.08	7.72	10.4	Roche Cobas 6000	
	PSA Total	ng/ml = µg/l	9.14	7.77	10.5	Abbott Axsym - polyclonal
ng/ml = µg/l		8.75	7.44	10.1	Abbott Axsym - monoclonal	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
PSA Total	ng/ml = µg/l	9.15	7.48	10.8	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	13.0	11.1	14.9	Roche Elecsys
	ng/ml = µg/l	11.9	10.1	13.7	Beckman Access
	ng/ml = µg/l	7.49	6.37	8.61	Tosoh
	ng/ml = µg/l	11.8	10.0	13.6	Beckman Access-non-standardised results
	ng/ml = µg/l	10.6	9.01	12.2	Bayer ADVIA Centaur (equimolar)
	ng/ml = µg/l	9.81	8.34	11.3	bioMerieux VIDAS TPSA
	ng/ml = µg/l	10.5	8.93	12.1	Siemens Advia Centaur
	ng/ml = µg/l	9.11	7.23	11.0	Siemens Immulite 2000/2500 1st generation
	ng/ml = µg/l	11.1	9.44	12.8	Abbott Architect
	ng/ml = µg/l	7.24	5.43	9.05	Siemens Immulite 1000 3rd generation
	ng/ml = µg/l	7.32	5.43	9.21	Siemens Immulite 2000/2500 3rd generation
	ng/ml = µg/l	4.18	3.55	4.81	Vitros ECi
	ng/ml = µg/l	4.36	3.71	5.01	Diasorin Liaison
	ng/ml = µg/l	13.0	11.1	14.9	Roche Modular E170
	ng/ml = µg/l	12.5	10.6	14.4	Beckman Access standardised to IRP96/670
	ng/ml = µg/l	11.8	10.0	13.6	Beckman DxI800 non-standardised
	ng/ml = µg/l	10.6	7.88	13.3	Beckman DxI800 standardised to IRP96/670
	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
ng/ml = µg/l	12.3	10.1	14.5	Pishtaz Teb- ELISA	
SHBG	nmol/l	35.8	30.4	41.2	Siemens Immulite 2000/2500
	nmol/l	37.6	32.0	43.2	Roche Elecsys
	nmol/l	39.6	33.7	45.5	Roche Modular E170
	nmol/l	39.2	33.3	45.1	Roche Cobas E411
	nmol/l	37.1	31.5	42.7	Roche Cobas 6000
T Uptake	%U	38.6	31.7	45.5	Siemens Immulite 1000
	%U	40.5	38.0	43.0	Pishtaz Teb- ELISA
Testosterone	nmol/l	14.7	10.7	18.7	Abbott AXSYM
	ng/ml	4.23	3.08	5.38	
	ng/dl	423	308	538	
	nmol/l	22.0	15.4	28.6	Siemens Immulite 1000
	ng/ml	6.34	4.44	8.24	
	ng/dl	634	444	824	
	nmol/l	17.3	14.7	19.9	Roche Elecsys
	ng/ml	4.98	4.23	5.73	
	ng/dl	498	423	573	
	nmol/l	19.9	16.7	23.1	Vitros ECi
	ng/ml	5.73	4.81	6.65	
	ng/dl	573	481	665	
	nmol/l	13.1	9.78	16.4	Siemens Advia Centaur
	ng/ml	3.77	2.82	4.72	
	ng/dl	377	282	472	
nmol/l	18.1	15.3	20.9	Siemens Immulite 2000/2500	
ng/ml	5.21	4.41	6.01		
ng/dl	521	441	601		

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Testosterone	nmol/l	18.7	15.8	21.6	Abbott Architect
	ng/ml	5.39	4.55	6.23	
	ng/dl	539	455	623	
	nmol/l	22.9	16.9	28.9	bioMerieux Vidas
	ng/ml	6.60	4.87	8.33	
	ng/dl	660	487	833	
	nmol/l	15.1	12.8	17.4	Beckman Access
	ng/ml	4.35	3.69	5.01	
	ng/dl	435	369	501	
	nmol/l	18.8	16.0	21.6	Roche Modular E170
	ng/ml	5.41	4.61	6.21	
	ng/dl	541	461	621	
	nmol/l	17.0	14.5	19.5	Tosoh
	ng/ml	4.90	4.18	5.62	
	ng/dl	490	418	562	
	nmol/l	13.8	11.7	15.9	Beckman Dxl800
	ng/ml	3.97	3.37	4.57	
	ng/dl	397	337	457	
nmol/l	18.1	14.8	21.4	Roche Cobas E411	
ng/ml	5.21	4.26	6.16		
ng/dl	521	426	616		
nmol/l	17.7	15.0	20.4	Roche Cobas 6000	
ng/ml	5.10	4.32	5.88		
ng/dl	510	432	588		
Theophylline	µmol/l	82.5	70.1	94.9	Abbott AXSYM
	µg/ml	14.9	12.6	17.2	
	µmol/l	83.3	70.8	95.8	Roche Integra
	µg/ml	15.0	12.8	17.2	
	µmol/l	86.4	73.4	99.4	Siemens Dimension
	µg/ml	15.6	13.2	18.0	
µmol/l	82.3	70.0	94.6	Abbott Architect	
µg/ml	14.8	12.6	17.0		
Thyroglobulin	ng/ml	12.5	9.38	15.6	Siemens Immulite 2000
	ng/ml	35.1	25.4	44.8	Roche Elecsys
	ng/ml	36.2	30.8	41.6	Roche Modular E170
	ng/ml	26.3	22.4	30.2	Beckman Dxl800
	ng/ml	35.2	28.2	42.2	Roche Cobas E411
Thyroid Stimulating Hormone	µU/ml = mIU/l	2.97	2.37	3.57	Abbott AxSYM Ultrasensitive hTSH II
	µU/ml = mIU/l	3.55	3.02	4.08	bioMerieux VIDAS TSH
	µU/ml = mIU/l	3.37	2.81	3.93	Siemens Immulite 1000
	µU/ml = mIU/l	3.39	2.88	3.90	Roche Elecsys
	µU/ml = mIU/l	3.16	2.69	3.63	Beckman Access hyperTSH 3rd Generation
	µU/ml = mIU/l	3.79	3.20	4.38	Tosoh
	µU/ml = mIU/l	4.16	3.54	4.78	Vitros Eci
	µU/ml = mIU/l	3.20	2.72	3.68	Siemens Advia Centaur
µU/ml = mIU/l	3.37	2.86	3.88	Siemens Immulite 2000/2500	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Thyroid Stimulating Hormone	µU/ml = mIU/l	2.78	2.36	3.20	Abbott Architect Ultrasensitive hTSH II
	µU/ml = mIU/l	3.04	2.58	3.50	Abbott AxSYM 3rd generation
	µU/ml = mIU/l	3.64	3.09	4.19	Diasorin Liaison
	µU/ml = mIU/l	3.40	2.89	3.91	Roche Modular E170
	µU/ml = mIU/l	3.03	2.58	3.48	Siemens Dimension
	µU/ml = mIU/l	3.17	2.69	3.65	bioMerieux VIDAS TSH3 Ultrasensitive
	µU/ml = mIU/l	3.18	2.70	3.66	Beckman DxI800
	µU/ml = mIU/l	2.90	2.42	3.38	Beckman DxI800 Fast TSH
	µU/ml = mIU/l	3.20	2.72	3.68	Bayer Advia Centaur 3rd Generation
	µU/ml = mIU/l	3.39	2.88	3.90	Roche Cobas E411
	µU/ml = mIU/l	3.40	2.89	3.91	Roche Cobas 6000
	µU/ml = mIU/l	4.50	3.70	5.30	Pishtaz Teb- ELISA
Total T3	nmol/l	5.68	4.83	6.53	Abbott AXSYM
	ng/ml	3.70	3.14	4.26	
	ng/dl	370	314	426	
	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	4.81	4.09	5.53	Siemens Immulite 1000
	ng/ml	3.13	2.66	3.60	
	ng/dl	313	266	360	
	nmol/l	5.33	4.53	6.13	Roche Elecsys
	ng/ml	3.47	2.95	3.99	
	ng/dl	347	295	399	
	nmol/l	5.29	4.44	6.14	Beckman Access
	ng/ml	3.44	2.89	3.99	
	ng/dl	344	289	399	
	nmol/l	4.92	4.18	5.66	Tosoh
	ng/ml	3.20	2.72	3.68	
	ng/dl	320	272	368	
	nmol/l	6.03	5.13	6.93	Siemens Advia Centaur
	ng/ml	3.93	3.34	4.52	
	ng/dl	393	334	452	
	nmol/l	4.80	4.08	5.52	Siemens Immulite 2000/2500
	ng/ml	3.12	2.66	3.58	
	ng/dl	312	266	358	
nmol/l	5.06	4.30	5.82	Abbott Architect	
ng/ml	3.29	2.80	3.78		
ng/dl	329	280	378		
nmol/l	5.53	4.70	6.36	Vitros Eci	
ng/ml	3.60	3.06	4.14		
ng/dl	360	306	414		
nmol/l	5.10	4.34	5.86	Roche Modular E170	
ng/ml	3.32	2.83	3.81		
ng/dl	332	283	381		
nmol/l	5.21	4.43	5.99	Beckman DxI800	
ng/ml	3.39	2.88	3.90		
ng/dl	339	288	390		

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Total T3	nmol/l	5.79	4.92	6.66	Roche Cobas E411	
	ng/ml	3.77	3.20	4.34		
	ng/dl	377	320	434		
	nmol/l	5.17	4.39	5.95	Roche Cobas 6000	
		ng/ml	3.37	2.86		3.88
		ng/dl	337	286		388
	nmol/l	3.97	3.36	4.59	Pishtaz Teb- ELISA	
		ng/ml	2.60	2.20		3.00
		ng/dl	260	220		300
Total T4	nmol/l	128	109	147	Vitros Eci	
	µg/dl	9.98	8.50	11.5		
	ng/ml	99.8	85.0	115		
	nmol/l	132	112	152	Abbott AXSYM	
		µg/dl	10.3	8.74		11.9
		ng/ml	103	87.4		119
	nmol/l	125	106	144	bioMerieux Vidas	
		µg/dl	9.75	8.27		11.2
		ng/ml	97.5	82.7		112
	nmol/l	135	109	161	Siemens Immulite 1000	
		µg/dl	10.5	8.50		12.5
		ng/ml	105	85.0		125
	nmol/l	120	101	139	Roche Elecsys	
		µg/dl	9.36	7.88		10.8
		ng/ml	93.6	78.8		108
	nmol/l	120	96.8	143	Beckman Access	
		µg/dl	9.36	7.55		11.2
		ng/ml	93.6	75.5		112
	nmol/l	123	105	141	Tosoh	
		µg/dl	9.59	8.19		11.0
		ng/ml	95.9	81.9		110
	nmol/l	136	116	156	Siemens Advia Centaur	
		µg/dl	10.6	9.05		12.2
		ng/ml	106	90.5		122
	nmol/l	130	111	149	Siemens Immulite 2000/2500	
		µg/dl	10.1	8.66		11.5
		ng/ml	101	86.6		115
nmol/l	129	110	148	Abbott Architect		
	µg/dl	10.1	8.58		11.6	
	ng/ml	101	85.8		116	
nmol/l	123	105	141	Roche Modular E170		
	µg/dl	9.59	8.19		11.0	
	ng/ml	95.9	81.9		110	
nmol/l	134	111	157	Beckman Dxl800		
	µg/dl	10.5	8.66		12.3	
	ng/ml	105	86.6		123	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T4	nmol/l	129	100	158	Roche Cobas E411
	µg/dl	10.1	7.80	12.4	
	ng/ml	101	78.0	124	
	Roche Cobas 6000	nmol/l	119	101	137
		µg/dl	9.28	7.88	10.7
		ng/ml	92.8	78.8	107
	Pishtaz Teb- ELISA	nmol/l	145	116	174
		µg/dl	11.3	9.00	13.5
		ng/ml	113	90.0	135
Valproic Acid	µmol/l	527	448	606	Abbott AXSYM
	µg/ml	76.0	64.6	87.4	
	µmol/l	491	417	565	Abbott TDx
	µg/ml	70.9	60.2	81.6	
	µmol/l	555	472	638	Siemens Immulite 1000
	µg/ml	80.1	68.1	92.1	
	µmol/l	569	484	654	Hitachi 911/912/917
	µg/ml	82.1	69.8	94.4	
	µmol/l	540	459	621	Roche Integra
	µg/ml	77.9	66.2	89.6	
	µmol/l	532	452	612	Siemens Immulite 2000/2500
	µg/ml	76.8	65.2	88.4	
	µmol/l	520	442	598	Siemens Advia Centaur
	µg/ml	75.0	63.8	86.2	
	µmol/l	515	438	592	Vitros
	µg/ml	74.3	63.2	85.4	
	µmol/l	561	477	645	Siemens Dimension
	µg/ml	81.0	68.8	93.2	
	µmol/l	532	443	621	Roche Modular E170
	µg/ml	76.8	63.9	89.7	
	µmol/l	488	415	561	Abbott Architect
µg/ml	70.4	59.9	80.9		
µmol/l	549	467	631	Roche Cobas 6000	
µg/ml	79.2	67.4	91.0		
Vitamin B12	pmol/l	684	581	787	Abbott AXSYM
	pg/ml	927	787	1067	
	pmol/l	651	553	749	Roche Elecsys
	pg/ml	882	749	1015	
	pmol/l	614	520	708	Beckman Access
	pg/ml	832	705	959	
	pmol/l	682	580	784	Siemens Immulite 1000
	pg/ml	924	786	1062	
	pmol/l	667	567	767	Siemens Advia Centaur
	pg/ml	904	768	1040	
	pmol/l	692	588	796	Siemens Immulite 2000
	pg/ml	938	797	1079	

IMMUNOASSAY CONTROL LEVEL 2 (IA CONTROL 2)

Art.-Nr.: KG2639/KG2633 Ch.-B.: 787EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich

Parameter	Einheit	Zielwert	von	bis	Methoden
Vitamin B12	pmol/l	669	548	790	Abbott Architect
	pg/ml	906	743	1069	
	pmol/l	709	603	815	Vitros Eci
	pg/ml	961	817	1105	
	pmol/l	679	577	781	Roche Modular E170
	pg/ml	920	782	1058	
	pmol/l	558	474	642	Beckman DxI800
	pg/ml	756	642	870	
	pmol/l	673	572	774	Roche Cobas E411
	pg/ml	912	775	1049	
	pmol/l	742	557	927	Roche Cobas 6000
	pg/ml	1005	755	1255	

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
17-OH-Progesterone	nmol/l	57.8	43.4	72.3	Siemens Coat-a-Count
	ng/ml	19.1	14.4	23.8	
	nmol/l	42.1	32.5	51.7	DSL
	ng/ml	13.9	10.8	17.0	
Alphafoetoprotein	KIU/l = IU/ml	177	133	221	Abbott AXSYM
	ng/ml	214	161	267	
	KIU/l = IU/ml	153	126	180	bioMerieux Vidas
	ng/ml	185	152	218	
	KIU/l = IU/ml	155	119	191	Siemens Immulite 1000
	ng/ml	188	144	232	
	KIU/l = IU/ml	173	147	199	Roche Elecsys
	ng/ml	209	178	240	
	KIU/l = IU/ml	178	151	205	Beckman Access
	ng/ml	215	183	247	
	KIU/l = IU/ml	182	155	209	Siemens Advia Centaur
	ng/ml	220	188	252	
	KIU/l = IU/ml	164	139	189	Siemens Immulite 2000/2500
	ng/ml	198	168	228	
	KIU/l = IU/ml	173	140	206	Abbott Architect
	ng/ml	209	169	249	
	KIU/l = IU/ml	196	167	225	Diasorin RIA
	ng/ml	237	202	272	
KIU/l = IU/ml	174	148	200	Roche Modular E170	
ng/ml	211	179	243		
KIU/l = IU/ml	171	145	197	Beckman DxI800	
ng/ml	207	175	239		
KIU/l = IU/ml	176	150	202	Roche Cobas 6000	
ng/ml	213	182	244		
KIU/l = IU/ml	174	137	211	Roche Cobas E411	
ng/ml	211	166	256		
KIU/l = IU/ml	161	149	174	Pishtaz Teb- ELISA	
ng/ml	195	180	210		
Beta-2-microglobulin	µg/ml = mg/l	7.44	6.32	8.56	Siemens Immulite 1000
	µg/ml = mg/l	8.95	6.89	11.0	bioMerieux Vidas
	µg/ml = mg/l	7.92	6.65	9.19	Roche Tinaquant
	µg/ml = mg/l	6.55	5.11	7.99	Abbott AXSYM
	µg/ml = mg/l	7.39	6.24	8.54	Siemens Immulite 2000/2500
CA 15-3	U/ml	76.2	64.8	87.6	Roche Elecsys
	U/ml	70.2	59.7	80.7	bioMerieux Vidas
	U/ml	99.0	84.2	114	Siemens Advia Centaur
	U/ml	85.8	72.9	98.7	Abbott Architect
	U/ml	106	90.1	122	Siemens Immulite 2000/2500

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
CA 15-3	U/ml	67.3	57.2	77.4	Abbott AXSYM
	U/ml	112	94.8	129	Siemens Immulite 1000
	U/ml	71.5	60.8	82.2	Vitros ECi
	U/ml	76.3	64.9	87.7	Diasorin Liaison
	U/ml	74.9	63.7	86.1	Roche Modular E170
	U/ml	45.6	38.8	52.4	Beckman Access
	U/ml	51.9	42.3	61.5	Beckman Dxl800
	U/ml	73.1	62.1	84.1	Roche Cobas 6000
CA 19-9	U/ml	139	109	169	Abbott AXSYM
	U/ml	155	132	178	Siemens Immulite 1000
	U/ml	156	133	179	bioMerieux Vidas
	U/ml	127	108	146	Roche Elecsys
	U/ml	193	164	222	Siemens Advia Centaur
	U/ml	151	128	174	Siemens Immulite 2000/2500
	U/ml	633	479	787	Abbott Architect
	U/ml	280	238	322	Vitros ECi
	U/ml	169	143	195	Diasorin Liaison
	U/ml	131	111	151	Roche Modular E170
	U/ml	158	134	182	Beckman Access
	U/ml	141	120	162	Beckman Dxl800
	U/ml	621	525	717	Abbott Architect XR kit
	U/ml	129	110	148	Roche Cobas 6000
U/ml	127	103	151	Roche Cobas E411	
CA125	U/ml	184	150	218	Abbott AXSYM
	U/ml	189	161	217	Siemens Immulite 1000
	U/ml	174	148	200	bioMerieux Vidas
	U/ml	177	150	204	Roche Elecsys
	U/ml	181	154	208	Bayer ADVIA Centaur OV kit
	U/ml	171	145	197	Siemens Immulite 2000/2500
	U/ml	170	137	203	Vitros ECi
	U/ml	255	182	328	Diasorin Liaison
	U/ml	173	147	199	Roche Modular E170
	U/ml	222	189	255	Abbott Architect
	U/ml	182	155	209	Bayer ADVIA Centaur CA125 II kit
	U/ml	160	136	184	Beckman Access
	U/ml	162	138	186	Beckman Dxl800
	U/ml	171	139	203	Roche Cobas E411
U/ml	169	144	194	Roche Cobas 6000	
Carbamazepine	µmol/l	60.8	51.7	69.9	Vitros
	µg/ml	14.4	12.2	16.6	
	µmol/l	65.0	55.3	74.7	Abbott AXSYM
	µg/ml	15.4	13.1	17.7	
	µmol/l	64.2	53.0	75.4	Siemens Advia Centaur
	µg/ml	15.2	12.5	17.9	
	µmol/l	62.6	53.2	72.0	Siemens Immulite 1000
	µg/ml	14.8	12.6	17.0	

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Carbamazepine	µmol/l	80.1	66.2	94.0	Roche Integra
	µg/ml	18.9	15.6	22.2	
	µmol/l	55.5	47.2	63.8	Siemens Immulite 2000/2500
	µg/ml	13.1	11.2	15.0	
	µmol/l	63.6	54.1	73.1	Siemens Dimension
	µg/ml	15.0	12.8	17.2	
	µmol/l	74.2	63.1	85.3	Roche Modular E170
	µg/ml	17.5	14.9	20.1	
Carcinoembryonic Antigen (CEA)	ng/ml = µg/l	47.5	40.2	54.8	Abbott AXSYM
	ng/ml = µg/l	46.5	39.5	53.5	bioMerieux Vidas
	ng/ml = µg/l	61.4	52.2	70.6	Siemens Immulite 1000
	ng/ml = µg/l	37.6	32.0	43.2	Roche Elecsys
	ng/ml = µg/l	59.8	50.8	68.8	Tosoh
	ng/ml = µg/l	49.6	42.2	57.0	Vitros ECi
	ng/ml = µg/l	47.8	40.6	55.0	Beckman Access
	ng/ml = µg/l	48.2	41.0	55.4	Siemens Advia Centaur
	ng/ml = µg/l	62.5	53.1	71.9	Siemens Immulite 2000/2500
	ng/ml = µg/l	45.7	38.8	52.6	Abbott Architect
	ng/ml = µg/l	46.2	39.3	53.1	Diasorin Liaison
	ng/ml = µg/l	39.1	33.2	45.0	Roche Modular E170
	ng/ml = µg/l	46.3	39.4	53.2	Beckman DxI800
	ng/ml = µg/l	38.8	33.0	44.6	Roche Cobas 6000
	ng/ml = µg/l	37.9	31.3	44.5	Roche Cobas E411
	ng/ml = µg/l	78.0	66.0	90.0	Pishtaz Teb- ELISA
Cortisol	nmol/l	1157	973	1341	Abbott AXSYM
	µg/dl	41.7	35.0	48.4	
	nmol/l	1010	785	1235	bioMerieux Vidas
	µg/dl	36.4	28.3	44.5	
	nmol/l	1137	951	1323	Siemens Immulite 1000
	µg/dl	40.9	34.2	47.6	
	nmol/l	1223	1040	1406	Siemens Coat-a-Count
	µg/dl	44.0	37.4	50.6	
	nmol/l	1048	891	1205	Roche Elecsys
	µg/dl	37.7	32.1	43.3	
	nmol/l	1091	927	1255	Beckman Access
	µg/dl	39.3	33.4	45.2	
	nmol/l	1077	897	1257	Siemens Advia Centaur
	µg/dl	38.8	32.3	45.3	
	nmol/l	1092	928	1256	Siemens Immulite 2000/2500
	µg/dl	39.3	33.4	45.2	
nmol/l	1036	876	1196	Abbott Architect	
µg/dl	37.3	31.5	43.1		
nmol/l	1034	879	1189	Roche Modular E170	
µg/dl	37.2	31.6	42.8		

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Cortisol	nmol/l	1055	843	1267	Beckman DxI800
	µg/dl	38.0	30.3	45.7	
	nmol/l	1015	863	1167	Roche Cobas 6000
	µg/dl	36.5	31.1	41.9	
	nmol/l	1114	947	1281	
DHEA-S	µmol/l	24.7	21.0	28.4	Siemens Immulite 1000
	µmol/l	23.2	19.7	26.7	Siemens Immulite 2000/2500
	µmol/l	35.1	26.3	43.9	Roche Elecsys
	µmol/l	29.3	22.9	35.7	Roche Modular E170
	µmol/l	36.5	31.0	42.0	Abbott Architect
	µmol/l	34.2	25.7	42.7	Roche Cobas E411
	µmol/l	33.0	28.1	37.9	Roche Cobas 6000
Digoxin	nmol/L	5.09	4.33	5.85	Beckman Access
	ng/ml	3.98	3.38	4.58	
	nmol/L	4.95	4.21	5.69	Abbott AXSYM
	ng/ml	3.87	3.29	4.45	
	nmol/L	4.91	4.17	5.65	Vitros
	ng/ml	3.83	3.26	4.40	
	nmol/L	6.24	5.30	7.18	Siemens Immulite 1000
	ng/ml	4.87	4.14	5.60	
	nmol/L	4.92	3.87	5.97	bioMerieux Vidas
	ng/ml	3.84	3.02	4.66	
	nmol/L	5.84	4.96	6.72	Roche Elecsys
	ng/ml	4.56	3.87	5.25	
	nmol/L	5.17	4.39	5.95	Siemens Advia Centaur
	ng/ml	4.04	3.43	4.65	
	nmol/L	5.60	4.76	6.44	Roche Modular E170
	ng/ml	4.37	3.72	5.02	
nmol/L	4.70	4.00	5.40	Abbott Architect	
ng/ml	3.67	3.12	4.22		
nmol/L	5.45	4.63	6.27	Siemens Dimension	
ng/ml	4.26	3.62	4.90		
Ferritin	ng/ml = µg/l	291	238	344	Abbott AXSYM
	ng/ml = µg/l	269	202	336	bioMerieux Vidas
	ng/ml = µg/l	251	208	294	Siemens Immulite 1000
	ng/ml = µg/l	280	237	323	Roche Elecsys
	ng/ml = µg/l	220	186	254	Beckman Access
	ng/ml = µg/l	193	164	222	Vitros ECi
	ng/ml = µg/l	272	231	313	Siemens Advia Centaur
	ng/ml = µg/l	267	227	307	Siemens Immulite 2000/2500
	ng/ml = µg/l	297	252	342	Abbott Architect
	ng/ml = µg/l	285	242	328	Roche Modular E170
	ng/ml = µg/l	270	230	310	Siemens Dimension
	ng/ml = µg/l	214	182	246	Beckman DxI800
	ng/ml = µg/l	276	235	317	Roche Cobas E411

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Ferritin	ng/ml = µg/l	282	240	324	Roche Cobas 6000
	ng/ml = µg/l	265	245	285	Pishtaz Teb- ELISA
Folate	nmol/l	41.1	34.9	47.3	Abbott AXSYM
	ng/ml	18.1	15.4	20.8	
	nmol/l	35.5	27.0	44.0	Beckman Access
	ng/ml	15.7	11.9	19.5	
	nmol/l	36.4	30.4	42.4	Siemens Immulite 1000
	ng/ml	16.1	13.4	18.8	
	nmol/l	47.5	37.8	57.2	Roche Elecsys
	ng/ml	20.9	16.7	25.1	
	nmol/l	31.4	26.7	36.1	Siemens Immulite 2000
	ng/ml	13.8	11.8	15.8	
	nmol/l	23.9	17.9	29.9	Vitros ECi
	ng/ml	10.5	7.89	13.1	
	nmol/l	42.9	36.5	49.3	Abbott Architect
	ng/ml	18.9	16.1	21.7	
	nmol/l	48.0	39.3	56.7	Roche Modular E170
	ng/ml	21.2	17.3	25.1	
	nmol/l	65.9	49.4	82.4	Bayer ADVIA Centaur (enhanced kit)
	ng/ml	29.1	21.8	36.4	
	nmol/l	35.5	30.2	40.8	Beckman DxI800
	ng/ml	15.7	13.3	18.1	
nmol/l	46.5	34.9	58.1	Roche Cobas E411	
ng/ml	20.5	15.4	25.6		
nmol/l	50.7	43.1	58.3	Roche Cobas 6000	
ng/ml	22.4	19.0	25.8		
nmol/l	43.2	36.7	49.7	Abbott Architect restandardised	
ng/ml	19.1	16.2	22.0		
Free T3	pmol/l	29.0	21.3	36.7	Abbott AXSYM
	ng/dl	1.89	1.38	2.40	
	pg/ml	18.9	13.9	23.9	
	pmol/l	25.2	21.4	29.0	bioMerieux Vidas
	ng/dl	1.64	1.39	1.89	
	pg/ml	16.4	13.9	18.9	
	pmol/l	33.4	28.4	38.4	Roche Elecsys
	ng/dl	2.17	1.85	2.49	
	pg/ml	21.7	18.5	24.9	
	pmol/l	25.4	21.6	29.2	Beckman Access
	ng/dl	1.65	1.40	1.90	
	pg/ml	16.5	14.1	18.9	
	pmol/l	20.7	16.0	25.4	Siemens Immulite 1000
	ng/dl	1.35	1.04	1.66	
	pg/ml	13.5	10.4	16.6	
	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		

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T3	pmol/l	22.5	19.1	25.9	Siemens Advia Centaur
	ng/dl	1.46	1.24	1.68	
	pg/ml	14.6	12.4	16.8	
	pmol/l	21.3	18.1	24.5	Siemens Immulite 2000/2500
	ng/dl	1.38	1.18	1.58	
	pg/ml	13.9	11.8	16.0	
	pmol/l	30.1	24.0	36.2	Abbott Architect
	ng/dl	1.96	1.56	2.36	
	pg/ml	19.6	15.6	23.6	
	pmol/l	25.8	21.7	29.9	Diasorin Liaison
	ng/dl	1.68	1.41	1.95	
	pg/ml	16.8	14.1	19.5	
	pmol/l	32.5	27.6	37.4	Roche Modular E170
	ng/dl	2.11	1.79	2.43	
	pg/ml	21.2	18.0	24.4	
	pmol/l	25.9	21.3	30.5	Beckman Dxl800
	ng/dl	1.68	1.38	1.98	
	pg/ml	16.9	13.9	19.9	
	pmol/l	34.6	29.4	39.8	Roche Cobas E411
	ng/dl	2.25	1.91	2.59	
	pg/ml	22.5	19.1	25.9	
pmol/l	32.3	27.5	37.1	Roche Cobas 6000	
ng/dl	2.10	1.79	2.41		
pg/ml	21.0	17.9	24.1		
pmol/l	20.6	16.8	24.5	Pishtaz Teb- ELISA	
ng/dl	1.35	1.10	1.60		
pg/ml	13.5	11.0	16.0		
Free T4	pmol/l	24.8	21.1	28.5	Abbott AXSYM
	ng/dl	1.93	1.65	2.21	
	pg/ml	19.3	16.5	22.1	
	pmol/l	35.7	30.3	41.1	bioMerieux Vidas
	ng/dl	2.78	2.36	3.20	
	pg/ml	27.8	23.6	32.0	
	pmol/l	45.5	38.4	52.6	Siemens Immulite 1000
	ng/dl	3.55	3.00	4.10	
	pg/ml	35.5	30.0	41.0	
	pmol/l	44.8	38.1	51.5	Roche Elecsys
	ng/dl	3.49	2.97	4.01	
	pg/ml	34.9	29.7	40.1	
	pmol/l	39.3	33.4	45.2	Beckman Access
	ng/dl	3.07	2.61	3.53	
	pg/ml	30.7	26.1	35.3	
	pmol/l	48.2	41.0	55.4	Tosoh
	ng/dl	3.76	3.20	4.32	
	pg/ml	37.6	32.0	43.2	
	pmol/l	67.2	57.1	77.3	Vitros ECi
	ng/dl	5.24	4.45	6.03	
	pg/ml	52.4	44.5	60.3	

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Free T4	pmol/l	36.8	31.3	42.3	Siemens Advia Centaur
	ng/dl	2.87	2.44	3.30	
	pg/ml	28.7	24.4	33.0	
	pmol/l	46.5	39.4	53.6	Siemens Immulite 2000/2500
	ng/dl	3.63	3.07	4.19	
	pg/ml	36.3	30.7	41.9	
	pmol/l	34.4	29.2	39.6	Abbott Architect
	ng/dl	2.68	2.28	3.08	
	pg/ml	26.8	22.8	30.8	
	pmol/l	63.6	54.1	73.1	Diasorin Liaison
	ng/dl	4.96	4.22	5.70	
	pg/ml	49.6	42.2	57.0	
	pmol/l	44.4	37.7	51.1	Roche Modular E170
	ng/dl	3.46	2.94	3.98	
	pg/ml	34.6	29.4	39.8	
	pmol/l	50.9	42.5	59.3	Siemens Dimension
	ng/dl	3.97	3.32	4.62	
	pg/ml	39.7	33.2	46.2	
	pmol/l	39.6	33.7	45.5	Beckman Dxl800
	ng/dl	3.09	2.63	3.55	
	pg/ml	30.9	26.3	35.5	
pmol/l	43.4	36.9	49.9	Roche Cobas 6000	
ng/dl	3.39	2.88	3.90		
pg/ml	33.9	28.8	39.0		
pmol/l	45.3	38.5	52.1	Roche Cobas E411	
ng/dl	3.53	3.00	4.06		
pg/ml	35.3	30.0	40.6		
pmol/l	52.0	42.0	62.0	Pishtaz Teb- ELISA	
ng/dl	4.10	3.30	4.90		
pg/ml	41.0	33.0	49.0		
FSH	mU/ml	67.7	57.5	77.9	Tosoh
	mU/ml	65.2	55.4	75.0	Siemens Immulite 1000
	mU/ml	75.3	61.0	89.6	bioMerieux Vidas
	mU/ml	58.8	50.0	67.6	Abbott AXSYM
	mU/ml	69.1	58.7	79.5	Beckman Access
	mU/ml	62.1	52.8	71.4	Roche/BM Elecsys
	mU/ml	53.4	45.4	61.4	Vitros ECi
	mU/ml	70.3	59.8	80.8	Siemens Advia Centaur
	mU/ml	67.1	57.0	77.2	Siemens Immulite 2000/2500
	mU/ml	53.3	45.3	61.3	Abbott Architect
	mU/ml	74.8	62.3	87.3	Diasorin Liaison
	mU/ml	59.6	50.7	68.5	Roche Modular E170
	mU/ml	68.6	58.3	78.9	Beckman Dxl800
	mU/ml	62.6	53.2	72.0	Roche Cobas E411

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
FSH	mU/ml	60.4	51.3	69.5	Roche Cobas 6000
	mU/ml	78.0	68.0	88.0	Pishtaz Teb- ELISA
Growth Hormone (GH)	µU/ml	86.7	70.8	103	Siemens Immulite 1000
	µU/ml	68.0	57.8	78.2	Tosoh
	µU/ml	69.5	52.1	86.9	Siemens Immulite 2000/2500
Human Chorionic Gonadotrophin (HCG)	mU/ml=U/L	425	361	489	Abbott AXSYM
	mU/ml=U/L	484	386	582	bioMerieux Vidas
	mU/ml=U/L	492	418	566	Siemens Immulite 1000
	mU/ml=U/L	361	307	415	Roche Elecsys HCG + Beta
	mU/ml=U/L	280	238	322	Beckman Access
	mU/ml=U/L	454	355	553	Tosoh
	mU/ml=U/L	480	408	552	Vitros ECi
	mU/ml=U/L	288	245	331	Siemens Advia Centaur
	mU/ml=U/L	561	469	653	Siemens Immulite 2000
	mU/ml=U/L	291	247	335	Abbott Architect
	mU/ml=U/L	282	218	346	Diasorin Liaison
	mU/ml=U/L	352	299	405	Roche Modular E170
	mU/ml=U/L	471	400	542	Siemens Dimension
	mU/ml=U/L	276	235	317	Beckman DxI800
	mU/ml=U/L	359	305	413	Roche Elecsys HCG STAT Intact
	mU/ml=U/L	360	306	414	Roche Cobas E411
mU/ml=U/L	350	298	402	Roche Cobas 6000	
mU/ml=U/L	510	420	600	Pishtaz Teb- ELISA	
Immunoglobulin E	KIU/l = IU/ml	95.8	81.4	110	Siemens Immulite 1000
	KIU/l = IU/ml	84.3	64.3	104	bioMerieux Vidas
	KIU/l = IU/ml	84.3	71.7	96.9	Beckman Access
	KIU/l = IU/ml	85.8	72.9	98.7	Pharmacia Unicap
	KIU/l = IU/ml	98.8	84.0	114	Roche Elecsys
	KIU/l = IU/ml	84.5	71.8	97.2	Tosoh
	KIU/l = IU/ml	85.1	72.3	97.9	Siemens Advia Centaur
	KIU/l = IU/ml	93.8	78.9	109	Siemens Immulite 2000/2500
	KIU/l = IU/ml	96.9	82.4	111	Roche Modular E170
	KIU/l = IU/ml	70.4	59.5	81.3	Abbott Architect
	KIU/l = IU/ml	98.6	83.8	113	Roche Cobas E411
	KIU/l = IU/ml	96.4	81.9	111	Roche Cobas 6000
	KIU/l = IU/ml	74.0	62.0	86.0	Pishtaz Teb- ELISA
Insulin	mU/l	22.1	18.8	25.4	Siemens Advia Centaur
	mU/l	21.7	18.4	25.0	Abbott AXSYM
	mU/l	7.65	6.18	9.12	Siemens Immulite 1000
	mU/l	23.3	19.8	26.8	Roche Modular E170
	mU/l	8.29	6.49	10.1	Siemens Immulite 2000
	mU/l	22.9	19.5	26.3	Roche Elecsys
	mU/l	18.8	16.0	21.6	Abbott Architect
	mU/l	22.8	19.4	26.2	Roche Cobas E411
	mU/l	23.1	19.6	26.6	Roche Cobas 6000
mU/l	18.8	16.0	21.6	Beckman DxI800	

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Luteinising Hormone (LH)	mU/ml	57.1	46.0	68.2	Abbott AXSYM
	mU/ml	50.3	42.8	57.8	Beckman Access
	mU/ml	50.8	43.2	58.4	bioMerieux Vidas
	mU/ml	65.2	55.2	75.2	Siemens Immulite 1000
	mU/ml	54.6	46.4	62.8	Tosoh
	mU/ml	53.6	45.6	61.6	Roche Elecsys
	mU/ml	64.0	54.4	73.6	Vitros ECi
	mU/ml	60.3	50.8	69.8	Siemens Advia Centaur
	mU/ml	66.8	56.8	76.8	Siemens Immulite 2000
	mU/ml	44.5	37.8	51.2	Abbott Architect
	mU/ml	62.4	53.0	71.8	Diasorin Liaison
	mU/ml	53.8	45.7	61.9	Roche Modular E170
	mU/ml	51.8	44.0	59.6	Beckman DxI800
	mU/ml	55.0	46.8	63.2	Roche Cobas E411
	mU/ml	52.8	44.9	60.7	Roche Cobas 6000
mU/ml	45.0	37.0	53.0	Pishtaz Teb- ELISA	
Oestradiol	pmol/l	1641	1223	2059	Abbott AXSYM
	pg/ml	446	333	559	
	pmol/l	1948	1656	2240	bioMerieux Vidas
	pg/ml	530	450	610	
	pmol/l	1698	1443	1953	Siemens Immulite 1000
	pg/ml	462	392	532	
	pmol/l	2081	1769	2393	Roche Elecsys
	pg/ml	566	481	651	
	pmol/l	1600	1243	1957	Vitros ECi
	pg/ml	435	338	532	
	pmol/l	1958	1639	2277	Beckman Access
	pg/ml	533	446	620	
	pmol/l	1537	1153	1921	Siemens Advia Centaur
	pg/ml	418	314	522	
	pmol/l	1615	1373	1857	Siemens Immulite 2000/2500
	pg/ml	439	373	505	
	pmol/l	1503	1278	1728	Abbott Architect
	pg/ml	409	348	470	
	pmol/l	2131	1811	2451	Roche Modular E170
	pg/ml	580	493	667	
pmol/l	1932	1518	2346	Beckman DxI800	
pg/ml	526	413	639		
pmol/l	2057	1748	2366	Roche Cobas 6000	
pg/ml	560	475	645		
pmol/l	2083	1771	2395	Roche Cobas E411	
pg/ml	567	482	652		
Parathyroid Hormone (PTH)	pmol/l	62.2	52.9	71.5	Siemens Advia Centaur
	pg/ml	591	502	680	
	pmol/l	60.0	42.2	77.8	Siemens Immulite 1000
pg/ml	570	401	739		

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich						
Parameter	Einheit	Zielwert	von	bis	Methoden	
Parathyroid Hormone (PTH)	pmol/l	72.0	57.6	86.4	Siemens Immulite 2000	
	pg/ml	684	547	821		
	pmol/l	33.6	24.9	42.3	Roche Elecsys	
	pg/ml	319	236	402		
	pmol/l	34.8	27.7	41.9	Roche Modular E170	
	pg/ml	330	263	397		
	pmol/l	56.9	48.4	65.4	Abbott Architect	
	pg/ml	540	460	620		
	pmol/l	34.2	24.4	44.0	Roche Cobas E411	
	pg/ml	325	232	418		
Phenytoin	pmol/l	34.4	29.1	39.7	Roche Cobas 6000	
	pg/ml	327	276	378		
	pmol/l	50.6	43.0	58.2	Beckman DxI800	
	pg/ml	481	408	554		
	µmol/l	99.1	81.6	117	Siemens Advia Centaur	
	µg/ml	25.0	20.6	29.4		
	µmol/l	81.7	69.4	94.0	Abbott AXSYM	
	µg/ml	20.6	17.5	23.7		
	µmol/l	75.9	60.7	91.1	Vitros	
	µg/ml	19.2	15.3	23.1		
Progesterone	µmol/l	83.9	71.3	96.5	Siemens Immulite 1000	
	µg/ml	21.2	18.0	24.4		
	µmol/l	77.0	65.5	88.5	Roche Integra	
	µg/ml	19.4	16.5	22.3		
	µmol/l	71.7	60.9	82.5	Roche Modular E170	
	µg/ml	18.1	15.4	20.8		
	µmol/l	96.4	72.3	121	Abbott Architect	
	µg/ml	24.3	18.3	30.3		
	Progesterone	nmol/l	118	100	136	Beckman Access
		ng/ml	36.9	31.3	42.5	
nmol/l		99.2	80.4	118	Abbott AXSYM	
ng/ml		31.0	25.2	36.8		
nmol/l		103	77.3	129	Siemens Immulite 1000	
ng/ml		32.2	24.2	40.2		
nmol/l		138	117	159	bioMerieux Vidas	
ng/ml		43.2	36.6	49.8		
nmol/l		120	102	138	Roche Elecsys	
ng/ml		37.6	31.9	43.3		
nmol/l		101	79.8	122	Siemens Advia Centaur	
ng/ml		31.6	25.0	38.2		
nmol/l		85.9	71.3	101	Siemens Immulite 2000/2500	
ng/ml		26.9	22.3	31.5		
nmol/l	99.7	84.7	115	Abbott Architect		
ng/ml	31.2	26.5	35.9			
nmol/l	119	101	137	Roche Modular E170		
ng/ml	37.2	31.6	42.8			

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Parameter	Einheit	Bereich			Methoden
		Zielwert	von	bis	
Progesterone	nmol/l	109	92.7	125	Beckman DxI800
	ng/ml	34.1	29.0	39.2	
	nmol/l	117	98.5	136	Roche Cobas E411
	ng/ml	36.6	30.8	42.4	
	nmol/l	114	96.9	131	
ng/ml	35.7	30.3	41.1	Roche Cobas 6000	
Prolactin	µU/ml	995	846	1144	Beckman Access
	µU/ml	1191	1012	1370	Abbott AXSYM
	µU/ml	1231	1046	1416	bioMerieux Vidas
	µU/ml	1125	947	1303	Siemens Immulite 1000
	µU/ml	987	740	1234	Tosoh
	µU/ml	1126	957	1295	Roche Elecsys
	µU/ml	1062	888	1236	Vitros ECi
	µU/ml	974	828	1120	Siemens Advia Centaur
	µU/ml	1043	887	1199	Siemens Immulite 2000/2500
	µU/ml	1205	1024	1386	Abbott Architect
	µU/ml	1089	926	1252	Diasorin Liaison
	µU/ml	1143	972	1314	Roche Modular E170
	µU/ml	974	821	1127	Beckman DxI800
	µU/ml	1120	952	1288	Roche Modular E170 2nd Gen prolactin II
	µU/ml	1105	935	1275	Roche Elecsys 2nd Gen. prolactin II
	µU/ml	1130	961	1299	Roche Cobas E411
µU/ml	1140	969	1311	Roche Cobas 6000	
µU/ml	1385	1278	1492	Pishtaz Teb- ELISA	
PSA Free	ng/ml = µg/l	17.7	15.0	20.4	Siemens Immulite 1000
	ng/ml = µg/l	17.8	15.1	20.5	Siemens Immulite 2000/2500
	ng/ml = µg/l	15.1	11.9	18.3	Abbott Axsym - monoclonal
	ng/ml = µg/l	17.1	14.5	19.7	Roche Elecsys
	ng/ml = µg/l	18.6	15.8	21.4	Abbott Architect
	ng/ml = µg/l	17.8	15.1	20.5	Siemens Advia Centaur
	ng/ml = µg/l	17.8	15.1	20.5	Roche Modular E170
	ng/ml = µg/l	17.7	15.0	20.4	Siemens Dimension
	ng/ml = µg/l	17.1	14.5	19.7	Roche Cobas E411
	ng/ml = µg/l	17.6	15.0	20.2	Roche Cobas 6000
PSA Total	ng/ml = µg/l	17.5	14.8	20.2	Abbott Axsym - polyclonal
	ng/ml = µg/l	16.8	14.3	19.3	Abbott Axsym - monoclonal
	ng/ml = µg/l	17.9	15.2	20.6	bioMerieux Vidas
	ng/ml = µg/l	17.1	14.5	19.7	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	25.3	21.5	29.1	Roche Elecsys
	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	20.7	17.6	23.8	Bayer ADVIA Centaur (equimolar)
	ng/ml = µg/l	19.6	15.9	23.3	bioMerieux VIDAS TPSA
	ng/ml = µg/l	21.4	18.2	24.6	Siemens Advia Centaur
	ng/ml = µg/l	17.4	14.0	20.8	Siemens Immulite 2000/2500 1st generation
ng/ml = µg/l	21.7	18.4	25.0	Abbott Architect	

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
PSA Total	ng/ml = µg/l	13.2	11.2	15.2	Siemens Immulite 1000 3rd generation
	ng/ml = µg/l	14.5	12.0	17.0	Siemens Immulite 2000/2500 3rd generation
	ng/ml = µg/l	8.02	6.82	9.22	Vitros ECi
	ng/ml = µg/l	8.42	7.16	9.68	Diasorin Liaison
	ng/ml = µg/l	25.5	21.7	29.3	Roche Modular E170
	ng/ml = µg/l	23.8	20.2	27.4	Beckman Access standardised to IRP96/670
	ng/ml = µg/l	23.7	20.1	27.3	Beckman Dxl800 non-standardised
	ng/ml = µg/l	25.9	22.0	29.8	Roche Cobas E411
	ng/ml = µg/l	25.3	21.5	29.1	Roche Cobas 6000
	ng/ml = µg/l	25.5	22.0	29.0	Pishtaz Teb- ELISA
SHBG	nmol/l	36.3	29.0	43.6	Siemens Immulite 1000
	nmol/l	36.4	29.1	43.7	Siemens Immulite 2000/2500
	nmol/l	35.0	28.3	41.7	Roche Elecsys
	nmol/l	38.6	32.8	44.4	Roche Modular E170
	nmol/l	38.6	32.8	44.4	Roche Cobas E411
	nmol/l	37.8	32.1	43.5	Roche Cobas 6000
T Uptake	%U	41.9	34.4	49.4	Siemens Immulite 1000
	%U	47.0	43.0	51.0	Pishtaz Teb- ELISA
Testosterone	nmol/l	30.9	22.2	39.6	Abbott AXSYM
	ng/ml	8.90	6.39	11.4	
	ng/dl	890	639	1141	
	nmol/l	48.7	39.4	58.0	Siemens Immulite 1000
	ng/ml	14.0	11.3	16.7	
	ng/dl	1403	1135	1671	
	nmol/l	34.9	29.7	40.1	Roche Elecsys
	ng/ml	10.1	8.55	11.7	
	ng/dl	1005	855	1155	
	nmol/l	25.6	21.7	29.5	Siemens Advia Centaur
	ng/ml	7.37	6.25	8.49	
	ng/dl	737	625	849	
	nmol/l	36.8	28.6	45.0	Siemens Immulite 2000/2500
	ng/ml	10.6	8.24	13.0	
	ng/dl	1060	824	1296	
	nmol/l	35.4	30.1	40.7	Abbott Architect
	ng/ml	10.2	8.67	11.7	
	ng/dl	1020	867	1173	
	nmol/l	40.8	34.7	46.9	bioMerieux Vidas
	ng/ml	11.8	9.99	13.6	
	ng/dl	1175	999	1351	
	nmol/l	27.2	22.6	31.8	Beckman Access
	ng/ml	7.83	6.51	9.15	
	ng/dl	783	651	915	
nmol/l	36.8	31.3	42.3	Roche Modular E170	
ng/ml	10.6	9.01	12.2		
ng/dl	1060	901	1219		
nmol/l	25.4	21.6	29.2	Beckman Dxl800	
ng/ml	7.32	6.22	8.42		
ng/dl	732	622	842		

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Testosterone	nmol/l	36.2	30.0	42.4	Roche Cobas E411
	ng/ml	10.4	8.64	12.2	
	ng/dl	1043	864	1222	
	nmol/l	36.6	31.1	42.1	Roche Cobas 6000
	ng/ml	10.5	8.96	12.0	
	ng/dl	1054	896	1212	
Theophylline	µmol/l	163	139	187	Abbott AXSYM
	µg/ml	29.4	25.0	33.8	
	µmol/l	160	136	184	Roche Integra
	µg/ml	28.8	24.5	33.1	
	µmol/l	161	137	185	Siemens Dimension
	µg/ml	29.0	24.7	33.3	
Thyroglobulin	ng/ml	25.6	19.2	32.0	Siemens Immulite 2000
	ng/ml	60.9	48.5	73.3	Roche Elecsys
	ng/ml	64.3	54.7	73.9	Roche Modular E170
	ng/ml	64.5	54.8	74.2	Roche Cobas E411
	ng/ml	61.8	52.5	71.1	Roche Cobas 6000
Thyroid Stimulating Hormone	µU/ml = mIU/l	21.1	17.5	24.7	Abbott AxSYM Ultrasensitive hTSH II
	µU/ml = mIU/l	24.8	21.1	28.5	bioMerieux VIDAS TSH
	µU/ml = mIU/l	23.3	19.8	26.8	Siemens Immulite 1000
	µU/ml = mIU/l	22.1	18.8	25.4	Roche Elecsys
	µU/ml = mIU/l	22.0	18.7	25.3	Beckman Access hyperTSH 3rd Generation
	µU/ml = mIU/l	26.4	22.2	30.6	Tosoh
	µU/ml = mIU/l	33.8	28.7	38.9	Vitros ECi
	µU/ml = mIU/l	22.8	19.4	26.2	Siemens Advia Centaur
	µU/ml = mIU/l	23.9	19.9	27.9	Siemens Immulite 2000/2500
	µU/ml = mIU/l	19.8	16.8	22.8	Abbott Architect Ultrasensitive hTSH II
	µU/ml = mIU/l	20.7	16.6	24.8	Abbott AxSYM 3rd generation
	µU/ml = mIU/l	26.5	22.5	30.5	Diasorin Liaison
	µU/ml = mIU/l	22.0	18.7	25.3	Roche Modular E170
	µU/ml = mIU/l	22.6	19.2	26.0	Siemens Dimension
	µU/ml = mIU/l	23.6	17.6	29.6	bioMerieux VIDAS TSH3 Ultrasensitive
	µU/ml = mIU/l	21.7	18.4	25.0	Beckman DxI800
	µU/ml = mIU/l	21.8	18.5	25.1	Bayer Advia Centaur 3rd Generation
	Total T3	nmol/l	8.40	7.14	9.66
ng/ml		5.47	4.65	6.29	
ng/dl		547	465	629	
nmol/l		6.87	5.84	7.90	bioMerieux Vidas
ng/ml		4.47	3.80	5.14	
ng/dl		447	380	514	

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T3	nmol/l	7.60	6.25	8.95	Siemens Immulite 1000
	ng/ml	4.95	4.07	5.83	
	ng/dl	495	407	583	
	nmol/l	7.84	6.47	9.21	Roche Elecsys
	ng/ml	5.10	4.21	5.99	
	ng/dl	510	421	599	
	nmol/l	7.63	6.49	8.77	Beckman Access
	ng/ml	4.97	4.22	5.72	
	ng/dl	497	422	572	
	nmol/l	7.47	6.32	8.62	Tosoh
	ng/ml	4.86	4.11	5.61	
	ng/dl	486	411	561	
	nmol/l	9.14	7.20	11.1	Siemens Advia Centaur
	ng/ml	5.95	4.69	7.21	
	ng/dl	595	469	721	
	nmol/l	7.42	6.31	8.53	Siemens Immulite 2000/2500
	ng/ml	4.83	4.11	5.55	
	ng/dl	483	411	555	
	nmol/l	6.81	5.79	7.83	Abbott Architect
	ng/ml	4.43	3.77	5.09	
	ng/dl	443	377	509	
nmol/l	8.62	7.33	9.91	Vitros ECi	
ng/ml	5.61	4.77	6.45		
ng/dl	561	477	645		
nmol/l	7.63	6.49	8.77	Roche Modular E170	
ng/ml	4.97	4.22	5.72		
ng/dl	497	422	572		
nmol/l	7.65	6.50	8.80	Beckman Dxl800	
ng/ml	4.98	4.23	5.73		
ng/dl	498	423	573		
nmol/l	8.57	7.28	9.86	Roche Cobas E411	
ng/ml	5.58	4.74	6.42		
ng/dl	558	474	642		
nmol/l	7.68	6.53	8.83	Roche Cobas 6000	
ng/ml	5.00	4.25	5.75		
ng/dl	500	425	575		
nmol/l	5.81	4.43	7.19	Pishtaz Teb- ELISA	
ng/ml	3.80	2.90	4.70		
ng/dl	380	290	470		
Total T4	nmol/l	169	144	194	Vitros ECi
	µg/dl	13.2	11.2	15.2	
	ng/ml	132	112	152	
	nmol/l	179	152	206	Abbott AXSYM
	µg/dl	14.0	11.9	16.1	
ng/ml	140	119	161		

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Total T4	nmol/l	166	141	191	bioMerieux Vidas
	µg/dl	12.9	11.0	14.8	
	ng/ml	129	110	148	
	nmol/l	172	140	204	Siemens Immulite 1000
	µg/dl	13.4	10.9	15.9	
	ng/ml	134	109	159	
	nmol/l	158	134	182	Roche Elecsys
	µg/dl	12.3	10.5	14.1	
	ng/ml	123	105	141	
	nmol/l	168	143	193	Beckman Access
	µg/dl	13.1	11.2	15.0	
	ng/ml	131	112	150	
	nmol/l	164	132	196	Tosoh
	µg/dl	12.8	10.3	15.3	
	ng/ml	128	103	153	
	nmol/l	172	146	198	Siemens Advia Centaur
	µg/dl	13.4	11.4	15.4	
	ng/ml	134	114	154	
	nmol/l	174	148	200	Siemens Immulite 2000/2500
	µg/dl	13.6	11.5	15.7	
	ng/ml	136	115	157	
nmol/l	169	144	194	Abbott Architect	
µg/dl	13.2	11.2	15.2		
ng/ml	132	112	152		
nmol/l	158	134	182	Roche Modular E170	
µg/dl	12.3	10.5	14.1		
ng/ml	123	105	141		
nmol/l	179	152	206	Beckman Dxl800	
µg/dl	14.0	11.9	16.1		
ng/ml	140	119	161		
nmol/l	167	136	198	Roche Cobas E411	
µg/dl	13.0	10.6	15.4		
ng/ml	130	106	154		
nmol/l	154	131	177	Roche Cobas 6000	
µg/dl	12.0	10.2	13.8		
ng/ml	120	102	138		
nmol/l	193	154	232	Pishtaz Teb- ELISA	
µg/dl	15.0	12.0	18.0		
ng/ml	150	120	180		
Valproic Acid	µmol/l	901	766	1036	Abbott AXSYM
	µg/ml	130	111	149	
	µmol/l	923	785	1061	Siemens Immulite 1000
	µg/ml	133	113	153	
	µmol/l	985	837	1133	Hitachi 911/912/917
µg/ml	142	121	163		
µmol/l	916	779	1053	Roche Integra	
µg/ml	132	112	152		

IMMUNOASSAY CONTROL LEVEL 3 (IA CONTROL 3)

Art.-Nr.: KG2640/KG2633 Ch.-B.: 797EC Inhalt 10x5ml/12x5ml Verw. bis: 2012-05

Bereich					
Parameter	Einheit	Zielwert	von	bis	Methoden
Valproic Acid	µmol/l	966	821	1111	Siemens Immulite 2000/2500
	µg/ml	139	118	160	
	µmol/l	820	697	943	Siemens Advia Centaur
	µg/ml	118	101	135	
	µmol/l	960	816	1104	Vitros
	µg/ml	139	118	160	
	µmol/l	908	746	1070	Siemens Dimension
	µg/ml	131	108	154	
	µmol/l	853	725	981	Abbott Architect
	µg/ml	123	105	141	
Vitamin B12	µmol/l	929	790	1068	Roche Cobas 6000
	µg/ml	134	114	154	
	pmol/l	1289	1096	1482	Roche Elecsys
	pg/ml	1747	1485	2009	
	pmol/l	1164	829	1499	Beckman Access
	pg/ml	1577	1123	2031	
	pmol/l	1388	1180	1596	Siemens Advia Centaur
	pg/ml	1881	1599	2163	
	pmol/l	1477	1255	1699	Abbott Architect
	pg/ml	2001	1701	2301	
	pmol/l	1370	1165	1575	Roche Modular E170
	pg/ml	1856	1579	2133	
	pmol/l	1299	1104	1494	Roche Cobas E411
	pg/ml	1760	1496	2024	
pmol/l	1319	1094	1544	Roche Cobas 6000	
pg/ml	1787	1482	2092		