

**IMMUNOASSAY KONTROLLE**

Art.- Nr.:

**Level III      KG 2640   10 x 5 ml****Tri Level      KG 2633   12 x 5 ml****Level III      Ch.-B.:    797 EC****Verwendbar bis: 05/2012**

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.

**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 ZURÜCKGEGEBEN** werden. **Bitte beachten Sie, dass die Stabilität der Parameter CA 19-9 und CA 15-3 auf 1 Tag 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 Immunschwächenvirus (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

## 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		

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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	
µg/dl	40.1	34.1	46.1	Roche Cobas E411	
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	
	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	Roche Cobas 6000
ng/ml	35.7	30.3	41.1		
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
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		
Vitamin B12	µmol/l	853	725	981	Abbott Architect	
	µg/ml	123	105	141		
	µmol/l	929	790	1068	Roche Cobas 6000	
	µg/ml	134	114	154		
	Vitamin B12	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			
Vitamin B12	pmol/l	1319	1094	1544	Roche Cobas 6000	
	pg/ml	1787	1482	2092		