

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112

Lot No. 1477EC

Size: 12 x 5 ml / 12 x 5 ml

Expiry: 2017-10

INTENDED USE

This product is intended for *in vitro* diagnostic use, as assayed quality control material to monitor the accuracy and reproducibility of analytes listed in the package insert.

This device is for prescription use only.

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.

The Abbott Architect CA19-9 assay utilises an antibody/antigen system based on the 1116-NA-19-9 antibody. There are reports that the formulation employed with this system may return elevated concentrations, when compared to other methods for samples expressing high levels of 1116-NA-19-9 reactive determinants.

Health and Safety Data Sheets are available on request.

STORAGE AND STABILITY

OPENED: Store refrigerated (+2°C to +8°C). Reconstituted serum is stable for 7 days at +2°C to +8°C if kept capped in original container and free from contamination, or 4 weeks frozen once at -20°C. C-Peptide is stable for 1 day at +2°C to +8°C.

Thyroglobulin should be tested within 4 hours of reconstitution when stored at +2°C to +8°C, or within 2 weeks when stored at -20°C. ACTH should be assayed within 4 hours of reconstitution, when stored at +2°C to +8°C. No frozen stability claim is made for ACTH, Aldosterone and C-Peptide. 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°C 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

Immunoassay Premium Plus is supplied lyophilised.

1. Carefully reconstitute each vial of lyophilised serum with exactly 5 ml of distilled water at +15°C to +25°C. Close the 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 Premium Plus - Level 2: 12 x 5 ml Tri-Level: 12 x 5 ml

MATERIAL REQUIRED BUT NOT PROVIDED

Volumetric pipette

VALUE ASSIGNMENT

Each batch of Immunoassay Premium Plus is submitted to a number of external laboratories. Values are assigned from a consensus of results obtained by these laboratories, using a unique statistical analysis. Average values should normally fall within the listed ranges for analytes in the instruments specified in this product insert. However, variations may be caused by instrument reagents and laboratory technique. Therefore, the range produced herein should only be considered as a reference and it is recommended that each laboratory establish its own mean and acceptable ranges. Aldosterone is present in control levels 2 and level 3 only. Parathyroid Hormone (PTH) is present in the control, but no claim is made for the expected value or stability of this analyte.

If a method is unavailable, contact Randox Laboratories - Technical Services, Northern Ireland, tel: +44 (0) 28 9445 1070 or email Technical.Services@randox.com.

Rev. 26 Nov '15 ne

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
17-OH-Progesterone	nmol/l	11.1	8.33	13.9	Immunotech RIA
	ng/ml	3.67	2.76	4.58	
	nmol/l	12.9	9.68	16.1	DRG ELISA
	ng/ml	4.27	3.20	5.34	
	nmol/l	11.5	8.63	14.4	DIAsource RIA
	ng/ml	3.81	2.86	4.76	
	nmol/l	9.14	6.86	11.4	MP Biomedicals RIA
	ng/ml	3.03	2.27	3.79	
25-OH Vitamin D	nmol/l	53.3	40.0	66.6	Diasorin Liaison
	nmol/l	70.2	52.7	87.8	Siemens Centaur XP/XPT/Classic
	nmol/l	43.4	32.6	54.3	Roche Cobas 6000/8000
	nmol/l	48.6	36.5	60.8	HPLC
	nmol/l	54.6	41.0	68.3	Abbott Architect
	nmol/l	73.2	54.9	91.5	Tosoh AIA360
	nmol/l	61.8	46.4	77.3	BioMerieux Vidas
	nmol/l	45.2	33.9	56.5	Beckman Dxl 600/800
	nmol/l	49.9	37.4	62.4	Fujirebio Lumipulse G
ACTH	pmol/l	7.65	5.74	9.56	Siemens Immulite 2000/2500
	pg/ml	34.8	26.1	43.5	
	pmol/l	10.3	7.73	12.9	Roche Cobas 6000/8000
	pg/ml	46.8	35.1	58.5	
	pmol/l	9.46	7.10	11.8	Roche Modular E170
	pg/ml	43.0	32.3	53.7	
	pmol/l	9.47	7.10	11.8	Diasorin Liaison
	pg/ml	43.0	32.3	53.7	
Aldosterone	pmol/l	358	269	448	IDS iSYS
	pg/ml	129	97.1	161	
	pmol/l	396	297	495	Diasorin Liaison
	pg/ml	143	107	179	
	pmol/l	467	350	584	Diasorin RIA
	pg/ml	168	126	211	
Alphafoetoprotein	KIU/l = IU/ml	48.4	38.7	58.1	Abbott Architect
	ng/ml	58.6	46.8	70.4	
	KIU/l = IU/ml	45.7	36.6	54.8	BioMerieux Vidas
	ng/ml	55.3	44.3	66.3	
	KIU/l = IU/ml	54.3	42.9	65.7	Siemens Centaur XP/XPT/Classic
	ng/ml	65.7	51.9	79.5	
	KIU/l = IU/ml	48.4	38.7	58.1	Siemens Immulite 2000/2500
	ng/ml	58.6	46.8	70.4	
	KIU/l = IU/ml	50.9	40.7	61.1	Siemens Immulite 1000
	ng/ml	61.6	49.2	74.0	
	KIU/l = IU/ml	47.8	38.2	57.4	Beckman Dxl800
	ng/ml	57.8	46.2	69.4	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Alphafoetoprotein	KIU/l = IU/ml	52.7	42.2	63.2	Roche Elecsys
	ng/ml	63.8	51.1	76.5	
	KIU/l = IU/ml	54.7	43.8	65.6	Diasorin Liaison
	ng/ml	66.2	53.0	79.4	
	KIU/l = IU/ml	54.1	43.3	64.9	Roche Modular E170
	ng/ml	65.5	52.4	78.6	
	KIU/l = IU/ml	48.9	39.1	58.7	Beckman Access
	ng/ml	59.2	47.3	71.1	
	KIU/l = IU/ml	47.4	37.9	56.9	Tosoh AIA360
	ng/ml	57.4	45.9	68.9	
	KIU/l = IU/ml	48.5	38.8	58.2	Vitros ECI
	ng/ml	58.7	46.9	70.5	
	KIU/l = IU/ml	51.7	41.4	62.0	Brahms Kryptor
	ng/ml	62.6	50.1	75.1	
	KIU/l = IU/ml	54.0	43.2	64.8	Roche Cobas 6000/8000
	ng/ml	65.3	52.3	78.3	
Amikacin	KIU/l = IU/ml	73.1	58.5	87.7	CIS IRMA
	ng/ml	88.5	70.8	106	
	KIU/l = IU/ml	54.5	43.6	65.4	Roche Cobas E411
	ng/ml	65.9	52.8	79.0	
	KIU/l = IU/ml	48.1	38.5	57.7	Siemens Dimension
	ng/ml	58.2	46.6	69.8	
Androstenedione	µmol/l	16.0	12.8	19.2	Roche Integra
	µg/ml	9.37	7.50	11.2	
	µmol/l	15.3	12.2	18.4	EMIT
	µg/ml	8.96	7.14	10.8	
	µmol/l	14.9	11.9	17.9	Roche Cobas 6000/8000
	µg/ml	8.73	6.97	10.5	
Beta-2-microglobulin	µmol/l	15.3	12.2	18.3	Gravimetric
	µg/ml	8.93	7.14	10.7	
	nmol/l	20.6	15.5	25.8	Siemens Immulite 2000
	ng/ml	5.91	4.45	7.37	
	µg/ml = mg/l	2.80	2.24	3.36	Abbott AXSYM
	µg/ml = mg/l	3.69	2.95	4.43	Abbott Architect
C-Peptide	µg/ml = mg/l	4.08	3.26	4.90	Beckman Immage
	µg/ml = mg/l	3.50	2.80	4.20	BioMerieux Vidas
	µg/ml = mg/l	3.45	2.76	4.14	Behring Nephelometer
	µg/ml = mg/l	3.47	2.78	4.16	Roche Tinaquant
	µg/ml = mg/l	3.10	2.48	3.72	Siemens Immulite 2000/2500
	µg/ml = mg/l	3.77	3.02	4.52	Siemens Immulite 1000
	µg/ml = mg/l	3.18	2.54	3.82	Diasorin Liaison
	µg/ml = mg/l	3.58	2.86	4.30	Tosoh AIA360
	µg/ml = mg/l	3.39	2.71	4.07	Roche Cobas 6000/8000
	µg/ml = mg/l	3.46	2.77	4.15	Roche Modular E170
	nmol/l	1.130	0.848	1.410	Siemens Immulite 2000/2500
	ng/ml	3.41	2.56	4.26	

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Range					
Analyte	unit	Target	low	high	methods
C-Peptide	nmol/l	1.380	1.040	1.730	Roche Elecsys
	ng/ml	4.17	3.14	5.20	
	nmol/l	1.430	1.070	1.790	Roche Cobas 6000/8000
	ng/ml	4.32	3.23	5.41	
	nmol/l	1.220	0.915	1.530	Siemens Immulite 1000
	ng/ml	3.68	2.76	4.60	
	nmol/l	1.650	1.240	2.060	Diasorin Liaison
	ng/ml	4.98	3.74	6.22	
	nmol/l	1.390	1.040	1.740	Roche Cobas E411
	ng/ml	4.20	3.14	5.26	
	nmol/l	1.280	0.960	1.600	Roche Modular E170
	ng/ml	3.86	2.90	4.82	
	nmol/l	1.050	0.788	1.310	Abbott Architect
	ng/ml	3.17	2.38	3.96	
CA 15-3	nmol/l	1.180	0.885	1.480	Siemens Centaur XP/XPT/Classic
	ng/ml	3.56	2.67	4.45	
	nmol/l	0.820	0.615	1.030	Tosoh AIA360
	ng/ml	2.48	1.86	3.10	
	U/ml	40.5	32.4	48.6	Abbott AXSYM
	U/ml	43.6	34.9	52.3	Abbott Architect
	U/ml	39.6	31.7	47.5	BioMerieux Vidas
	U/ml	43.5	29.6	57.4	Siemens Centaur XP/XPT/Classic
	U/ml	45.4	36.3	54.5	Siemens Immulite 2000/2500
	U/ml	48.8	39.0	58.6	Siemens Immulite 1000
	U/ml	21.2	17.0	25.4	Beckman Dxl800
	U/ml	41.4	33.1	49.7	Roche Elecsys
	U/ml	44.4	35.5	53.3	Diasorin Liaison
	U/ml	41.9	33.5	50.3	Roche Modular E170
CA 19-9	U/ml	21.8	17.4	26.2	Beckman Access
	U/ml	47.1	37.7	56.5	Tosoh AIA360
	U/ml	39.2	31.4	47.0	Vitros ECI
	U/ml	42.3	33.8	50.8	Roche Cobas 6000/8000
	U/ml	42.0	33.6	50.4	Roche Cobas E411
	U/ml	218	174	262	Abbott Architect
	U/ml	88.6	70.9	106	BioMerieux Vidas
	U/ml	76.8	52.2	101	Siemens Centaur XP/XPT/Classic
	U/ml	55.8	44.6	67.0	Siemens Immulite 2000/2500
	U/ml	55.2	44.2	66.2	Siemens Immulite 1000
	U/ml	59.2	47.4	71.0	Beckman Dxl800
	U/ml	59.9	47.9	71.9	Roche Elecsys
	U/ml	87.2	69.8	105	Diasorin Liaison
	U/ml	60.3	48.2	72.4	Roche Modular E170
CA 19-9	U/ml	59.3	47.4	71.2	Beckman Access
	U/ml	47.6	38.1	57.1	Tosoh AIA360
	U/ml	124	99.0	149	Vitros ECI

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
CA 19-9	U/ml	218	174	262	Abbott Architect XR kit
	U/ml	60.3	48.2	72.4	Roche Cobas 6000/8000
	U/ml	61.4	49.1	73.7	Roche Cobas E411
CA125	U/ml	210	168	252	Abbott Architect
	U/ml	149	119	179	BioMerieux Vidas
	U/ml	148	101	195	Siemens Centaur XP/XPT/Classic OV Kit
	U/ml	151	103	199	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	151	121	181	Siemens Immulite 2000/2500
	U/ml	188	150	226	Siemens Immulite 1000
	U/ml	118	94.4	142	Beckman Dxl800
	U/ml	133	106	160	Roche Elecsys
	U/ml	203	162	244	Diasorin Liaison
	U/ml	134	107	161	Roche Modular E170
	U/ml	114	91.2	137	Beckman Access
	U/ml	310	248	372	Tosoh AIA360
	U/ml	142	114	170	Vitros Eci
	U/ml	136	109	163	Roche Cobas E411
	U/ml	134	107	161	Roche Cobas 6000/8000
	U/ml	145	98.6	191	Siemens Centaur CP CA125 II kit
	U/ml	143	97.2	189	Siemens Centaur CP OV kit
Carbamazepine	µmol/l	36.3	29.0	43.6	Abbott AXSYM
	µg/ml	8.58	6.86	10.3	
	µmol/l	37.4	29.9	44.9	Abbott Architect
	µg/ml	8.84	7.07	10.6	
	µmol/l	40.4	28.3	52.5	Siemens Centaur XP/XPT/Classic
	µg/ml	9.55	6.69	12.4	
	µmol/l	37.2	29.8	44.6	Siemens Dimension
	µg/ml	8.79	7.04	10.5	
	µmol/l	34.8	27.8	41.8	Siemens Immulite 2000/2500
	µg/ml	8.23	6.57	9.89	
	µmol/l	36.5	29.2	43.8	Siemens Immulite 1000
	µg/ml	8.63	6.90	10.4	
	µmol/l	38.4	30.7	46.1	Roche Integra
	µg/ml	9.08	7.26	10.9	
	µmol/l	37.6	30.1	45.1	Vitros
	µg/ml	8.89	7.12	10.7	
	µmol/l	34.7	27.8	41.6	Roche Cobas E411
	µg/ml	8.20	6.57	9.83	
	µmol/l	35.4	28.3	42.5	Roche Cobas 6000/8000
	µg/ml	8.37	6.69	10.1	
	µmol/l	37.9	30.3	45.5	Roche Modular
	µg/ml	8.96	7.16	10.8	
	µmol/l	37.4	29.9	44.9	Beckman DxC
	µg/ml	8.84	7.07	10.6	
	µmol/l	38.8	31.0	46.6	Beckman AU400/600/640/2700/5400
	µg/ml	9.17	7.33	11.0	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Carbamazepine	µmol/l	45.3	36.2	54.4	Siemens ADVIA 1200/1650/1800/2400
	µg/ml	10.7	8.56	12.8	
	µmol/l	38.5	30.8	46.2	Gravimetric
	µg/ml	9.10	7.28	10.9	
Carcinoembryonic Antigen (CEA)	ng/ml = µg/l	25.6	20.5	30.7	Abbott Architect
	ng/ml = µg/l	22.1	17.7	26.5	BioMerieux Vidas
	ng/ml = µg/l	23.5	16.0	31.0	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	18.3	14.6	22.0	CIS RIA Coated tube
	ng/ml = µg/l	30.8	24.6	37.0	Siemens Immulite 2000/2500
	ng/ml = µg/l	30.8	24.6	37.0	Siemens Immulite 1000
	ng/ml = µg/l	22.8	18.2	27.4	Beckman Dxl800
	ng/ml = µg/l	20.7	16.6	24.8	Roche Elecsys
	ng/ml = µg/l	22.1	17.7	26.5	Diasorin Liaison
	ng/ml = µg/l	20.0	16.0	24.0	Roche Modular E170
	ng/ml = µg/l	23.8	19.0	28.6	Beckman Access
	ng/ml = µg/l	33.1	26.5	39.7	Tosoh AIA360
	ng/ml = µg/l	22.9	18.3	27.5	Vitros ECI
	ng/ml = µg/l	20.0	16.0	24.0	Roche Cobas 6000/8000
	ng/ml = µg/l	20.6	16.5	24.7	Roche Cobas E411
	ng/ml = µg/l	25.9	20.7	31.1	Monobind Inc. ELISA / CLIA
Cortisol	nmol/l	550	413	688	Abbott Architect
	µg/dl	19.8	14.9	24.7	
	nmol/l	600	450	750	BioMerieux Vidas
	µg/dl	21.6	16.2	27.0	
	nmol/l	705	486	924	Siemens Centaur XP/XPT/Classic
	µg/dl	25.4	17.5	33.3	
	nmol/l	524	393	655	CIS RIA
	µg/dl	18.9	14.1	23.7	
	nmol/l	658	494	823	Siemens Immulite 2000/2500
	µg/dl	23.7	17.8	29.6	
	nmol/l	701	526	876	Siemens Immulite 1000
	µg/dl	25.2	18.9	31.5	
	nmol/l	609	457	761	Beckman Dxl800
	µg/dl	21.9	16.5	27.3	
	nmol/l	703	527	879	Roche Elecsys
	µg/dl	25.3	19.0	31.6	
	nmol/l	675	506	844	Diasorin Liaison
	µg/dl	24.3	18.2	30.4	
	nmol/l	698	524	873	Roche Modular E170
	µg/dl	25.1	18.9	31.3	
	nmol/l	629	472	786	Beckman Access
	µg/dl	22.6	17.0	28.2	
	nmol/l	664	498	830	Tosoh AIA360
	µg/dl	23.9	17.9	29.9	
	nmol/l	590	443	738	Vitros ECI
	µg/dl	21.2	15.9	26.5	

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Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Cortisol	nmol/l	699	524	874	Roche Cobas 6000/8000
	µg/dl	25.2	18.9	31.5	
	nmol/l	718	539	898	Roche Cobas E411
	µg/dl	25.8	19.4	32.2	
DHEA-S	µmol/l	16.6	13.3	19.9	Abbott Architect
	µmol/l	14.8	11.8	17.8	Siemens Immulite 2000/2500
	µmol/l	14.8	11.8	17.8	Siemens Immulite 1000
	µmol/l	14.9	11.9	17.9	Beckman Dxl800
	µmol/l	19.2	15.4	23.0	Roche Elecsys
	µmol/l	20.1	16.1	24.1	Roche Modular E170
	µmol/l	15.7	12.6	18.8	Beckman Access
	µmol/l	13.1	10.5	15.7	Diasorin Liaison
	µmol/l	14.1	9.17	19.0	Siemens Centaur XP/XPT/Classic
	µmol/l	18.9	15.1	22.7	Roche Cobas E411
	µmol/l	19.3	15.4	23.2	Roche Cobas 6000/8000
	µmol/l	16.3	13.0	19.6	Immunotech RIA
Digoxin	nmol/l	2.67	2.14	3.20	Abbott Architect
	ng/ml	2.09	1.67	2.51	
	nmol/l	3.02	2.42	3.62	BioMerieux Vidas
	ng/ml	2.36	1.89	2.83	
	nmol/l	3.29	2.53	4.05	Siemens Centaur XP/XPT/Classic
	ng/ml	2.57	1.98	3.16	
	nmol/l	3.07	2.46	3.68	Siemens Dimension
	ng/ml	2.40	1.92	2.88	
	nmol/l	3.34	2.67	4.01	Siemens Immulite 2000/2500
	ng/ml	2.61	2.09	3.13	
	nmol/l	3.46	2.77	4.15	Siemens Immulite 1000
	ng/ml	2.70	2.16	3.24	
	nmol/l	3.09	2.47	3.71	Beckman Dxl800
	ng/ml	2.41	1.93	2.89	
	nmol/l	3.44	2.75	4.13	Roche Elecsys
	ng/ml	2.69	2.15	3.23	
	nmol/l	3.03	2.42	3.64	Roche Integra
	ng/ml	2.37	1.89	2.85	
	nmol/l	3.21	2.57	3.85	Roche Modular E170
	ng/ml	2.51	2.01	3.01	
	nmol/l	2.91	2.33	3.49	Vitros
	ng/ml	2.27	1.82	2.72	
	nmol/l	3.42	2.74	4.10	Roche Cobas E411
	ng/ml	2.67	2.14	3.20	
	nmol/l	3.34	2.67	4.01	Roche Cobas 6000/8000
	ng/ml	2.61	2.09	3.13	
	nmol/l	2.59	2.07	3.11	Beckman DxC
	ng/ml	2.02	1.62	2.42	
	nmol/l	3.55	2.84	4.26	Beckman AU400/600/640/2700/5400
	ng/ml	2.77	2.22	3.32	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Digoxin	nmol/l	2.97	2.38	3.56	Siemens ADVIA 1200/1650/1800/2400
	ng/ml	2.32	1.86	2.78	
	nmol/l	3.22	2.58	3.86	Microgenics DRI assay
	ng/ml	2.51	2.01	3.01	
	nmol/l	3.07	2.46	3.68	Gravimetric
	ng/ml	2.40	1.92	2.87	
Ethosuximide	µmol/l	360	288	431	Gravimetric
	µg/ml	51.0	40.8	61.1	
Ferritin	ng/ml = µg/l	110	88.0	132	Abbott AXSYM
	ng/ml = µg/l	110	88.0	132	Abbott Architect
	ng/ml = µg/l	91.3	73.0	110	BioMerieux Vidas
	ng/ml = µg/l	100	80.0	120	Roche Tinaquant
	ng/ml = µg/l	95.3	71.5	119	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	96.1	76.9	115	Siemens Dimension
	ng/ml = µg/l	100	80.0	120	Siemens Immulite 2000/2500
	ng/ml = µg/l	94.1	75.3	113	Siemens Immulite 1000
	ng/ml = µg/l	71.6	57.3	85.9	Beckman Dxl800
	ng/ml = µg/l	106	84.8	127	Roche Elecsys
	ng/ml = µg/l	97.8	78.2	117	Diasorin Liaison
	ng/ml = µg/l	104	83.2	125	Roche Modular E170
	ng/ml = µg/l	72.6	58.1	87.1	Beckman Access
	ng/ml = µg/l	77.5	62.0	93.0	Tosoh AIA360
	ng/ml = µg/l	71.3	57.0	85.6	Vitros Eci
	ng/ml = µg/l	92.2	73.8	111	Immunotech IRMA
	ng/ml = µg/l	108	86.4	130	Roche Cobas E411
	ng/ml = µg/l	102	81.6	122	Roche Cobas 6000/8000
	ng/ml = µg/l	88.6	70.9	106	Siemens/Dade Behring Nephelometer
	ng/ml = µg/l	97.7	78.2	117	Beckman AU400/600/640/2700/5400
Folate	nmol/l	11.2	8.51	13.9	Abbott Architect
	ng/ml	4.94	3.75	6.13	
	nmol/l	28.2	18.3	38.1	Siemens Centaur XP/XPT/Classic (enhanced kit)
	ng/ml	12.4	8.06	16.7	
	nmol/l	10.5	7.98	13.0	Siemens Immulite 2000
	ng/ml	4.63	3.52	5.74	
	nmol/l	12.5	9.50	15.5	Beckman Dxl800
	ng/ml	5.51	4.19	6.83	
	nmol/l	16.6	12.6	20.6	Roche Elecsys
	ng/ml	7.32	5.56	9.08	
	nmol/l	15.9	12.1	19.7	Roche Modular E170
	ng/ml	7.01	5.34	8.68	
	nmol/l	13.2	10.0	16.4	Beckman Access
	ng/ml	5.82	4.41	7.23	
	nmol/l	6.98	5.30	8.66	Vitros Eci
	ng/ml	3.08	2.34	3.82	
	nmol/l	10.2	7.75	12.6	MP Biomedicals RIA
	ng/ml	4.50	3.42	5.58	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Folate	nmol/l	15.9	12.1	19.7	Roche Cobas E411
	ng/ml	7.01	5.34	8.68	
	nmol/l	16.1	12.2	20.0	Roche Cobas 6000/8000
	ng/ml	7.10	5.38	8.82	
	nmol/l	7.15	5.43	8.87	Siemens Dimension
	ng/ml	3.15	2.39	3.91	
Free T3	nmol/l	33.5	21.8	45.2	Siemens Centaur CP (enhanced kit)
	ng/ml	14.8	9.62	20.0	
	pmol/l	14.9	11.2	18.6	Abbott Architect
	ng/dl	0.969	0.728	1.21	
	pg/ml	9.70	7.29	12.1	
	pmol/l	16.7	12.5	20.9	BioMerieux Vidas
	ng/dl	1.09	0.813	1.37	
	pg/ml	10.9	8.14	13.7	
	pmol/l	15.3	9.18	21.4	Siemens Centaur XP/XPT/Classic
	ng/dl	0.995	0.597	1.39	
	pg/ml	9.96	5.98	13.9	
	pmol/l	13.2	9.90	16.5	Siemens Immulite 2000/2500
	ng/dl	0.858	0.644	1.07	
	pg/ml	8.59	6.44	10.7	
	pmol/l	12.9	9.68	16.1	Siemens Immulite 1000
	ng/dl	0.839	0.629	1.05	
	pg/ml	8.40	6.30	10.5	
	pmol/l	13.1	9.83	16.4	Beckman Dxl800
	ng/dl	0.852	0.639	1.07	
	pg/ml	8.53	6.40	10.7	
	pmol/l	19.5	14.6	24.4	Roche Elecsys
	ng/dl	1.27	0.949	1.59	
	pg/ml	12.7	9.50	15.9	
	pmol/l	22.0	16.5	27.5	Diasorin Liaison
	ng/dl	1.43	1.07	1.79	
	pg/ml	14.3	10.7	17.9	
	pmol/l	19.5	14.6	24.4	Roche Modular E170
	ng/dl	1.27	0.949	1.59	
	pg/ml	12.7	9.50	15.9	
	pmol/l	14.4	10.8	18.0	Beckman Access
	ng/dl	0.936	0.702	1.17	
	pg/ml	9.37	7.03	11.7	
	pmol/l	21.3	16.0	26.6	Tosoh AIA360
	ng/dl	1.38	1.04	1.72	
	pg/ml	13.9	10.4	17.4	
	pmol/l	33.8	25.4	42.3	Vitros ECI
	ng/dl	2.20	1.65	2.75	
	pg/ml	22.0	16.5	27.5	
	pmol/l	19.4	14.6	24.3	Roche Cobas E411
	ng/dl	1.26	0.949	1.57	
	pg/ml	12.6	9.50	15.7	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Free T3	pmol/l	19.8	14.9	24.8	Roche Cobas 6000/8000
	ng/dl	1.29	0.969	1.61	
	pg/ml	12.9	9.70	16.1	
	pmol/l	20.4	15.3	25.5	Siemens Dimension Vista LOCI
	ng/dl	1.33	0.995	1.67	
	pg/ml	13.3	9.96	16.6	
Free T4	pmol/l	30.5	22.9	38.1	Abbott Architect
	ng/dl	2.38	1.79	2.97	
	pg/ml	23.8	17.9	29.7	
	pmol/l	45.4	34.1	56.8	BioMerieux Vidas
	ng/dl	3.54	2.66	4.42	
	pg/ml	35.4	26.6	44.2	
	pmol/l	29.2	21.9	36.5	Siemens Centaur XP/XPT/Classic
	ng/dl	2.28	1.71	2.85	
	pg/ml	22.8	17.1	28.5	
	pmol/l	41.6	31.2	52.0	CIS RIA Coated tube
	ng/dl	3.24	2.43	4.05	
	pg/ml	32.4	24.3	40.5	
	pmol/l	40.0	30.0	50.0	Siemens Immulite 2000/2500
	ng/dl	3.12	2.34	3.90	
	pg/ml	31.2	23.4	39.0	
	pmol/l	40.8	30.6	51.0	Siemens Immulite 1000
	ng/dl	3.18	2.39	3.97	
	pg/ml	31.8	23.9	39.7	
	pmol/l	34.6	26.0	43.3	Beckman Dxl800
	ng/dl	2.70	2.03	3.37	
	pg/ml	27.0	20.3	33.7	
	pmol/l	41.1	30.8	51.4	Roche Elecsys
	ng/dl	3.21	2.40	4.02	
	pg/ml	32.1	24.0	40.2	
	pmol/l	47.0	35.3	58.8	Diasorin Liaison
	ng/dl	3.67	2.75	4.59	
	pg/ml	36.7	27.5	45.9	
	pmol/l	40.4	30.3	50.5	Roche Modular E170
	ng/dl	3.15	2.36	3.94	
	pg/ml	31.5	23.6	39.4	
	pmol/l	34.3	25.7	42.9	Beckman Access
	ng/dl	2.68	2.00	3.36	
	pg/ml	26.8	20.0	33.6	
	pmol/l	38.1	28.6	47.6	Tosoh AIA360
	ng/dl	2.97	2.23	3.71	
	pg/ml	29.7	22.3	37.1	
	pmol/l	75.9	56.9	94.9	Vitros ECI
	ng/dl	5.92	4.44	7.40	
	pg/ml	59.2	44.4	74.0	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Free T4	pmol/l	40.9	30.7	51.1	Roche Cobas 6000/8000
	ng/dl	3.19	2.39	3.99	
	pg/ml	31.9	23.9	39.9	
	pmol/l	32.0	24.0	40.0	Immunotech IRMA
	ng/dl	2.50	1.87	3.13	
	pg/ml	25.0	18.7	31.3	
	pmol/l	41.1	30.8	51.4	Roche Cobas E411
	ng/dl	3.21	2.40	4.02	
	pg/ml	32.1	24.0	40.2	
	pmol/l	34.6	26.0	43.3	Siemens Dimension Vista LOCI
	ng/dl	2.70	2.03	3.37	
	pg/ml	27.0	20.3	33.7	
	pmol/l	39.9	29.9	49.9	Adaltis EIAgen
	ng/dl	3.11	2.33	3.89	
	pg/ml	31.1	23.3	38.9	
	pmol/l	29.7	22.3	37.1	Monobind Inc. ELISA / CLIA
	ng/dl	2.32	1.74	2.89	
	pg/ml	23.2	17.4	28.9	
FSH	mU/ml	19.9	15.9	23.9	Abbott Architect
	mU/ml	27.8	22.2	33.4	BioMerieux Vidas
	mU/ml	27.3	20.5	34.1	Siemens Centaur XP/XPT/Classic
	mU/ml	22.2	17.8	26.6	Siemens Immulite 2000/2500
	mU/ml	22.1	17.7	26.5	Siemens Immulite 1000
	mU/ml	22.2	17.8	26.6	Beckman Dxl800
	mU/ml	24.2	19.4	29.0	Roche/BM Elecsys
	mU/ml	27.3	21.8	32.8	Diasorin Liaison
	mU/ml	22.9	18.3	27.5	Roche Modular E170
	mU/ml	21.8	17.4	26.2	Beckman Access
	mU/ml	22.2	17.8	26.6	Tosoh AIA360
	mU/ml	19.4	15.5	23.3	Vitros ECI
	mU/ml	24.0	19.2	28.8	Roche Cobas E411
	mU/ml	23.1	18.5	27.7	Roche Cobas 6000/8000
Gentamicin	µmol/l	7.51	6.01	9.01	Roche Integra
	µg/ml	3.59	2.87	4.31	
	µmol/l	7.78	5.52	10.0	Siemens Centaur XP/XPT/Classic
	µg/ml	3.72	2.64	4.80	
	µmol/l	7.32	5.86	8.78	Siemens Dimension Vista
	µg/ml	3.50	2.80	4.20	
	µmol/l	5.94	4.75	7.13	Roche Cobas 6000/8000
	µg/ml	2.84	2.27	3.41	
	µmol/l	8.78	7.02	10.5	Beckman DxC
	µg/ml	4.20	3.36	5.04	
	µmol/l	8.16	6.53	9.79	Gravimetric
	µg/ml	3.90	3.12	4.68	
Growth Hormone (GH)	µU/ml	15.5	12.4	18.6	CIS IRMA
	ng/ml	5.16	4.13	6.19	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Growth Hormone (GH)	µU/ml	19.8	15.8	23.8	Siemens Immulite 2000/2500
	ng/ml	6.59	5.26	7.92	
	µU/ml	17.6	14.1	21.1	Siemens Immulite 1000
	ng/ml	5.86	4.70	7.02	
	µU/ml	15.3	12.2	18.4	Beckman Dxl800
	ng/ml	5.09	4.06	6.12	
	µU/ml	14.5	11.6	17.4	Roche Modular E170
	ng/ml	4.83	3.86	5.80	
	µU/ml	16.0	12.8	19.2	Beckman Access
	ng/ml	5.33	4.26	6.40	
	µU/ml	17.6	14.1	21.1	Diasorin Liaison
	ng/ml	5.86	4.70	7.02	
	µU/ml	14.2	11.4	17.0	Roche Cobas E411
	ng/ml	4.73	3.80	5.66	
	µU/ml	14.8	11.8	17.8	Roche Cobas 6000/8000
	ng/ml	4.93	3.93	5.93	
Immunoglobulin E	µU/ml	18.1	14.5	21.7	IDS iSYS
	ng/ml	6.03	4.83	7.23	
	KIU/I = IU/ml	119	95.2	143	Abbott Architect
	KIU/I = IU/ml	114	91.2	137	BioMerieux Vidas
	KIU/I = IU/ml	126	75.6	176	Siemens Centaur XP/XPT/Classic
	KIU/I = IU/ml	153	122	184	Siemens Immulite 2000/2500
	KIU/I = IU/ml	159	127	191	Siemens Immulite 1000
	KIU/I = IU/ml	127	102	152	Beckman Dxl800
	KIU/I = IU/ml	141	113	169	Roche Elecsys
	KIU/I = IU/ml	128	102	154	Pharmacia Unicap
	KIU/I = IU/ml	140	112	168	Roche Modular E170
	KIU/I = IU/ml	129	103	155	Beckman Access
	KIU/I = IU/ml	129	103	155	Tosoh AIA360
	KIU/I = IU/ml	144	115	173	Roche Cobas E411
	KIU/I = IU/ml	144	115	173	Roche Cobas 6000/8000
	KIU/I = IU/ml	111	88.8	133	Monobind Inc. ELISA / CLIA
Insulin	mU/I	15.7	11.8	19.6	Siemens Centaur XP/XPT/Classic
	mU/I	2.66	2.00	3.33	Siemens Immulite 1000
	mU/I	8.42	6.32	10.5	Roche Modular E170
	mU/I	2.61	1.96	3.26	Siemens Immulite 2000
	mU/I	8.50	6.38	10.6	Roche Elecsys
	mU/I	11.0	8.25	13.8	Beckman Access
	mU/I	11.9	8.93	14.9	Abbott Architect
	mU/I	14.5	10.9	18.1	Tosoh AIA360
	mU/I	8.70	6.53	10.9	Roche Cobas E411
	mU/I	11.0	8.25	13.8	Beckman Dxl 600/800
	mU/I	12.5	9.38	15.6	Diasorin Liaison
	mU/I	8.60	6.45	10.8	Roche Cobas 6000/8000
	mU/I	10.7	8.03	13.4	Diasource IRMA
	mU/ml	30.8	24.6	37.0	Abbott Architect
Luteinising Hormone	mU/ml	30.8	24.6	37.0	Abbott Architect

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Luteinising Hormone (LH)	mU/ml	34.1	27.3	40.9	BioMerieux Vidas
	mU/ml	37.8	29.1	46.5	Siemens Centaur XP/XPT/Classic
	mU/ml	42.1	33.7	50.5	Siemens Immulite 2000
	mU/ml	42.9	34.3	51.5	Siemens Immulite 1000
	mU/ml	33.9	27.1	40.7	Beckman Dxl800
	mU/ml	38.3	30.6	46.0	Roche Elecsys
	mU/ml	53.9	43.1	64.7	Diasorin Liaison
	mU/ml	38.0	30.4	45.6	Roche Modular E170
	mU/ml	32.4	25.9	38.9	Beckman Access
	mU/ml	37.1	29.7	44.5	Tosoh AIA360
	mU/ml	47.6	38.1	57.1	Vitros ECI
	mU/ml	38.5	30.8	46.2	Roche Cobas E411
	mU/ml	38.2	30.6	45.8	Roche Cobas 6000/8000
Oestradiol	pmol/l	736	589	883	Abbott Architect
	pg/ml	200	160	240	
	pmol/l	1040	832	1248	BioMerieux Vidas
	pg/ml	283	226	340	
	pmol/l	994	596	1392	Siemens Centaur XP/XPT/Classic
	pg/ml	270	162	378	
	pmol/l	1030	824	1236	Siemens Immulite 2000/2500
	pg/ml	280	224	336	
	pmol/l	1089	871	1307	Siemens Immulite 1000
	pg/ml	296	237	355	
	pmol/l	934	747	1121	Beckman Dxl800
	pg/ml	254	203	305	
	pmol/l	869	695	1043	Roche Elecsys
	pg/ml	236	189	283	
	pmol/l	872	698	1046	Roche Modular E170
	pg/ml	237	190	284	
	pmol/l	1007	806	1208	Beckman Access
	pg/ml	274	219	329	
	pmol/l	687	550	824	Tosoh (E2)
	pg/ml	187	150	224	
	pmol/l	899	719	1079	Vitros ECI
	pg/ml	245	196	294	
	pmol/l	870	696	1044	Roche Cobas 6000/8000
	pg/ml	237	189	285	
	pmol/l	855	684	1026	Roche Cobas E411
	pg/ml	233	186	280	
	pmol/l	1001	601	1401	Siemens Centaur XP/XPT/Classic Enhanced (eE2)
	pg/ml	272	163	381	
	pmol/l	1010	606	1414	Siemens Centaur XP/XPT/Classic E26 III
	pg/ml	275	165	385	
	pmol/l	670	536	804	Tosoh (iE2-hsE2)
	pg/ml	182	146	218	
	pmol/l	321	257	385	Immunotech RIA Ultra-sensitive
	pg/ml	87.3	69.9	105	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Paracetamol	mmol/l	0.242	0.194	0.290	Roche Modular E170
	mg/l	36.6	29.4	43.8	
	mmol/l	0.291	0.233	0.349	Roche Integra
	mg/l	44.0	35.3	52.7	
	mmol/l	0.414	0.331	0.497	Vitros
	mg/l	62.6	50.1	75.1	
	mmol/l	0.322	0.258	0.386	Abbott Architect
	mg/l	48.7	39.0	58.4	
Phenobarbital	mmol/l	0.348	0.280	0.420	Gravimetric
	mg/l	52.6	42.4	63.5	
	µmol/l	70.1	56.1	84.1	Abbott AXSYM
	µg/ml	16.3	13.0	19.6	
	µmol/l	81.4	65.1	97.7	Abbott Architect
	µg/ml	18.9	15.1	22.7	
	µmol/l	75.9	60.7	91.1	Roche Cobas 6000/8000
	µg/ml	17.6	14.1	21.1	
	µmol/l	79.2	63.4	95.0	Siemens Immulite 2000/2500
	µg/ml	18.4	14.7	22.1	
	µmol/l	86.9	69.5	104	Roche Modular P-D
	µg/ml	20.2	16.1	24.3	
	µmol/l	78.7	63.0	94.4	Beckman AU400/600/640/2700/5400
	µg/ml	18.3	14.6	22.0	
	µmol/l	87.8	63.2	112	Siemens Centaur XP/XPT/Classic
	µg/ml	20.4	14.7	26.1	
Phenytoin	µmol/l	78.5	62.8	94.2	Roche Integra
	µg/ml	18.2	14.6	21.8	
	µmol/l	74.4	59.5	89.3	Siemens Immulite 1000
	µg/ml	17.3	13.8	20.8	
	µmol/l	75.9	60.7	91.1	Beckman DxC
	µg/ml	17.6	14.1	21.1	
	µmol/l	77.6	62.1	93.1	Gravimetric
	µg/ml	18.0	14.4	21.6	
	µmol/l	62.8	50.2	75.4	Abbott AXSYM
	µg/ml	15.9	12.7	19.1	
	µmol/l	66.9	53.5	80.3	Abbott Architect
	µg/ml	16.9	13.5	20.3	
	µmol/l	79.2	63.4	95.0	Behring Emit
	µg/ml	20.0	16.0	24.0	
	µmol/l	75.5	58.9	92.1	Siemens Centaur XP/XPT/Classic
	µg/ml	19.1	14.9	23.3	
	µmol/l	72.8	58.2	87.4	Siemens Dimension
	µg/ml	18.4	14.7	22.1	
	µmol/l	67.1	53.7	80.5	Siemens Immulite 2000/2500
	µg/ml	16.9	13.6	20.2	
	µmol/l	64.7	51.8	77.6	Siemens Immulite 1000
	µg/ml	16.3	13.1	19.5	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Phenytoin	µmol/l	67.2	53.8	80.6	Roche Integra
	µg/ml	17.0	13.6	20.4	
	µmol/l	65.2	52.2	78.2	Vitros
	µg/ml	16.5	13.2	19.8	
	µmol/l	71.2	57.0	85.4	Roche Modular P-D
	µg/ml	18.0	14.4	21.6	
	µmol/l	66.8	53.4	80.2	Roche Cobas E411
	µg/ml	16.9	13.5	20.3	
	µmol/l	66.3	53.0	79.6	Roche Cobas 6000/8000
	µg/ml	16.7	13.4	20.0	
	µmol/l	62.0	49.6	74.4	Beckman DxC
	µg/ml	15.7	12.5	18.9	
Primidone	µmol/l	71.3	57.0	85.6	Gravimetric
	µg/ml	18.0	14.4	21.6	
Primidone	µmol/l	22.5	18.0	27.0	Gravimetric
	µg/ml	4.92	3.93	5.89	
Progesterone	nmol/l	31.2	25.0	37.4	Abbott AXSYM
	ng/ml	9.77	7.83	11.7	
	nmol/l	25.1	20.1	30.1	Abbott Architect
	ng/ml	7.86	6.29	9.43	
	nmol/l	39.4	31.5	47.3	BioMerieux Vidas
	ng/ml	12.3	9.86	14.7	
	nmol/l	23.4	16.4	30.4	Siemens Centaur XP/XPT/Classic
	ng/ml	7.32	5.12	9.52	
	nmol/l	32.6	26.1	39.1	CIS RIA Coated tube
	ng/ml	10.2	8.17	12.2	
	nmol/l	27.4	21.9	32.9	Siemens Immulite 2000/2500
	ng/ml	8.58	6.85	10.3	
	nmol/l	29.3	23.4	35.2	Siemens Immulite 1000
	ng/ml	9.17	7.32	11.0	
	nmol/l	33.5	26.8	40.2	Beckman Dxl Prog Cal 33555
	ng/ml	10.5	8.39	12.6	
	nmol/l	33.5	26.8	40.2	Roche Elecsys
	ng/ml	10.5	8.39	12.6	
	nmol/l	31.9	25.5	38.3	Roche Modular E170
	ng/ml	9.98	7.98	12.0	
	nmol/l	34.1	27.3	40.9	Beckman Access Prog Cal 33555
	ng/ml	10.7	8.54	12.9	
	nmol/l	35.1	28.1	42.1	Tosoh AIA360
	ng/ml	11.0	8.80	13.2	
	nmol/l	37.1	29.7	44.5	Vitros ECI
	ng/ml	11.6	9.30	13.9	
	nmol/l	33.6	26.9	40.3	Roche Cobas E411
	ng/ml	10.5	8.42	12.6	
	nmol/l	32.3	25.8	38.8	Roche Cobas 6000/8000
	ng/ml	10.1	8.08	12.1	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Progesterone	nmol/l	26.8	21.4	32.2	Diasorin Liaison
	ng/ml	8.39	6.70	10.1	
	nmol/l	27.1	21.7	32.5	Beckman Dxl Prog DE Cal A80773
	ng/ml	8.48	6.79	10.2	
Prolactin	µU/ml	604	483	725	Abbott Architect
	µU/ml	339	271	407	BioMerieux Vidas
	µU/ml	445	347	543	Siemens Centaur XP/XPT/Classic
	µU/ml	629	503	755	Siemens Immulite 2000/2500
	µU/ml	684	547	821	Siemens Immulite 1000
	µU/ml	423	338	508	Beckman Dxl800
	µU/ml	714	571	857	Roche Elecsys
	µU/ml	596	477	715	Diasorin Liaison
	µU/ml	695	556	834	Roche Modular E170
	µU/ml	436	349	523	Beckman Access
	µU/ml	151	121	181	Tosoh AIA360
	µU/ml	381	305	457	Vitros ECI
	µU/ml	698	558	838	Roche Elecsys/E170/Cobas 6000/8000 PRLII
	µU/ml	584	467	701	Immunotech IRMA
	µU/ml	724	579	869	Roche Cobas E411
	µU/ml	697	558	836	Roche Cobas 6000/8000
	µU/ml	705	564	846	Adaltis EIAgen
	µU/ml	604	483	725	Abbott Architect restandardised
PSA Free	ng/ml = µg/l	9.12	6.84	11.4	Abbott Architect
	ng/ml = µg/l	12.5	9.38	15.6	BioMerieux Vidas
	ng/ml = µg/l	9.71	7.28	12.1	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	7.99	5.99	9.99	Siemens Dimension
	ng/ml = µg/l	8.14	6.11	10.2	Siemens Immulite 2000/2500
	ng/ml = µg/l	7.93	5.95	9.91	Siemens Immulite 1000
	ng/ml = µg/l	12.3	9.23	15.4	Beckman DXI standardised to Hybritech
	ng/ml = µg/l	9.35	7.01	11.7	Roche Elecsys
	ng/ml = µg/l	4.89	3.67	6.11	Diasorin Liaison
	ng/ml = µg/l	8.98	6.74	11.2	Roche Modular E170
	ng/ml = µg/l	12.2	9.15	15.3	Beckman Access standardised to Hybritech
	ng/ml = µg/l	8.22	6.17	10.3	Tosoh AIA360
	ng/ml = µg/l	9.16	6.87	11.5	Roche Cobas E411
	ng/ml = µg/l	9.04	6.78	11.3	Roche Cobas 6000/8000
	ng/ml = µg/l	10.3	7.73	12.9	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	11.6	8.70	14.5	Beckman Access standardised to WHO IRP96/670
	ng/ml = µg/l	7.95	5.96	9.94	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = µg/l	7.36	5.52	9.20	Fujirebio Lumipulse G
PSA Total	ng/ml = µg/l	11.4	8.55	14.3	Abbott Architect
	ng/ml = µg/l	11.2	8.40	14.0	BioMerieux Vidas
	ng/ml = µg/l	11.5	8.63	14.4	bioMerieux VIDAS TPSA
	ng/ml = µg/l	10.5	7.88	13.1	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	9.43	7.07	11.8	Siemens Immulite 2000/2500 1st generation

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
PSA Total	ng/ml = µg/l	9.56	7.17	12.0	Siemens Immulite 1000 3rd generation
	ng/ml = µg/l	9.26	6.95	11.6	Siemens Immulite 2000/2500 3rd generation
	ng/ml = µg/l	9.30	6.98	11.6	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	12.4	9.30	15.5	Beckman Dxl standardisd to Hybritech
	ng/ml = µg/l	10.4	7.80	13.0	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	13.1	9.83	16.4	Roche Elecsys
	ng/ml = µg/l	6.04	4.53	7.55	Diasorin Liaison
	ng/ml = µg/l	13.3	9.98	16.6	Roche Modular E170
	ng/ml = µg/l	12.3	9.23	15.4	Beckman Access standardised to Hybritech
	ng/ml = µg/l	12.3	9.23	15.4	Beckman Access standardised to WHO IRP96/670
	ng/ml = µg/l	7.90	5.93	9.88	Tosoh AIA360
	ng/ml = µg/l	12.2	9.15	15.3	Vitros ECi
	ng/ml = µg/l	12.2	9.15	15.3	CIS RIA Coated tube
	ng/ml = µg/l	13.4	10.1	16.8	Roche Cobas E411
	ng/ml = µg/l	13.4	10.1	16.8	Roche Cobas 6000/8000
	ng/ml = µg/l	17.4	13.1	21.8	Monobind Inc. ELISA / CLIA
	ng/ml = µg/l	10.0	7.50	12.5	Fujirebio Lumipulse G
	ng/ml = µg/l	13.2	9.90	16.5	Ortho Vitros 3600/5600/ECi PSA II
Salicylic Acid	mmol/l	1.20	0.960	1.44	Roche Modular E170
	mg/dl	16.6	13.3	19.9	
	mmol/l	1.14	0.912	1.37	Roche Integra
	mg/dl	15.7	12.6	18.8	
	mmol/l	1.19	0.952	1.43	Abbott Architect
	mg/dl	16.4	13.1	19.7	
	mmol/l	1.22	0.976	1.46	Beckman DxC
	mg/dl	16.9	13.5	20.3	
SHBG	mmol/l	1.22	0.980	1.46	Gravimetric
	mg/dl	16.9	13.5	20.2	
	nmol/l	34.7	27.8	41.6	Beckman Dxl800
	nmol/l	47.9	38.3	57.5	Siemens Centaur XP/XPT/Classic
	nmol/l	33.8	27.0	40.6	Siemens Immulite 1000
	nmol/l	35.2	28.2	42.2	Siemens Immulite 2000/2500
	nmol/l	36.2	29.0	43.4	Roche Elecsys
	nmol/l	36.0	28.8	43.2	Roche Cobas E411
	nmol/l	34.8	27.8	41.8	Roche Modular E170
T Uptake	nmol/l	40.9	32.7	49.1	Abbott Architect
	nmol/l	35.1	28.1	42.1	Roche Cobas 6000/8000
T Uptake	%U	37.7	30.9	44.5	Siemens Immulite 2000
Testosterone	nmol/l	12.1	9.68	14.5	Abbott AXSYM
	ng/ml	3.48	2.79	4.17	
	ng/dl	348	279	417	
	nmol/l	12.0	9.60	14.4	Abbott Architect
	ng/ml	3.46	2.76	4.16	
	ng/dl	346	276	416	
	nmol/l	11.0	7.70	14.3	Siemens Centaur XP/XPT/Classic
	ng/ml	3.17	2.22	4.12	
	ng/dl	317	222	412	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Testosterone	nmol/l	14.0	11.2	16.8	CIS RIA Coated tube
	ng/ml	4.03	3.23	4.83	
	ng/dl	403	323	483	
	nmol/l	14.9	11.9	17.9	Siemens Immulite 2000/2500
	ng/ml	4.29	3.43	5.15	
	ng/dl	429	343	515	
	nmol/l	20.8	16.6	25.0	Siemens Immulite 1000
	ng/ml	5.99	4.78	7.20	
	ng/dl	599	478	720	
	nmol/l	10.0	8.00	12.0	Beckman Dxl800
	ng/ml	2.88	2.30	3.46	
	ng/dl	288	230	346	
	nmol/l	11.1	8.88	13.3	Beckman Access
	ng/ml	3.20	2.56	3.84	
	ng/dl	320	256	384	
	nmol/l	17.0	13.6	20.4	Tosoh AIA360
	ng/ml	4.90	3.92	5.88	
	ng/dl	490	392	588	
	nmol/l	15.2	12.2	18.2	Vitros Eci
	ng/ml	4.38	3.51	5.25	
	ng/dl	438	351	525	
	nmol/l	12.5	10.0	15.0	Roche Cobas 6000 Test 2
	ng/ml	3.60	2.88	4.32	
	ng/dl	360	288	432	
	nmol/l	13.1	10.5	15.7	Roche Elecsys Test II
	ng/ml	3.77	3.02	4.52	
	ng/dl	377	302	452	
	nmol/l	12.6	10.1	15.1	Roche Modular E170 Test II
	ng/ml	3.63	2.91	4.35	
	ng/dl	363	291	435	
	nmol/l	12.7	10.2	15.2	Roche Cobas 4000/e411 Test II
	ng/ml	3.66	2.94	4.38	
	ng/dl	366	294	438	
	nmol/l	12.0	9.60	14.4	Abbott Architect 2nd Generation
	ng/ml	3.46	2.76	4.16	
	ng/dl	346	276	416	
	nmol/l	8.80	7.04	10.6	BioMerieux Vidas Testosterone II
	ng/ml	2.53	2.03	3.03	
	ng/dl	253	203	303	
Theophylline	µmol/l	80.2	64.2	96.2	Siemens Centaur XP/XPT/Classic
	µg/ml	14.5	11.6	17.4	
	µmol/l	79.5	63.6	95.4	Siemens Dimension
	µg/ml	14.3	11.5	17.1	
	µmol/l	79.8	63.8	95.8	Siemens Immulite 2000/2500
	µg/ml	14.4	11.5	17.3	

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Theophylline	µmol/l	84.5	67.6	101	Roche Integra
	µg/ml	15.2	12.2	18.2	
	µmol/l	120	96.0	144	Vitros
	µg/ml	21.6	17.3	25.9	
	µmol/l	77.9	62.3	93.5	Abbott Architect
	µg/ml	14.0	11.2	16.8	
	µmol/l	80.9	64.7	97.1	Roche Cobas 6000/8000
	µg/ml	14.6	11.7	17.5	
	µmol/l	80.8	64.6	97.0	Beckman DxC
	µg/ml	14.6	11.6	17.6	
	µmol/l	79.2	63.4	95.0	Beckman AU400/600/640/2700/5400
	µg/ml	14.3	11.4	17.2	
Thyroglobulin	µmol/l	83.8	67.0	101	Gravimetric
	µg/ml	15.1	12.1	18.2	
	ng/ml	17.2	12.9	21.5	Siemens Immulite 1000
	ng/ml	16.3	12.2	20.4	Siemens Immulite 2000
	ng/ml	32.6	24.5	40.8	Roche Elecsys
	ng/ml	32.1	24.1	40.1	Roche Modular E170
	ng/ml	32.7	24.5	40.9	Beckman Dxl800
	ng/ml	33.2	24.9	41.5	Roche Cobas E411
	ng/ml	33.3	25.0	41.6	Roche Cobas 6000/8000
	ng/ml	32.2	24.2	40.3	Beckman Access
	ng/ml	35.5	26.6	44.4	Tosoh AIA360
Thyroid Stimulating Hormone	µU/ml = mIU/l	2.12	1.70	2.54	Abbott Architect
	µU/ml = mIU/l	2.35	1.88	2.82	bioMerieux VIDAS TSH
	µU/ml = mIU/l	2.15	1.72	2.58	bioMerieux VIDAS TSH3 Ultrasensitive
	µU/ml = mIU/l	2.35	1.60	3.10	Siemens Centaur XP/XPT/Classic
	µU/ml = mIU/l	2.80	2.24	3.36	CIS IRMA
	µU/ml = mIU/l	2.32	1.58	3.06	Siemens Centaur XP/XPT/Classic 3rd Generation
	µU/ml = mIU/l	2.03	1.62	2.44	Siemens Dimension
	µU/ml = mIU/l	2.38	1.90	2.86	Siemens Immulite 2000/2500
	µU/ml = mIU/l	2.38	1.90	2.86	Siemens Immulite 1000
	µU/ml = mIU/l	2.06	1.65	2.47	Beckman Dxl800 Fast TSH
	µU/ml = mIU/l	2.26	1.81	2.71	Beckman Dxl800
	µU/ml = mIU/l	2.42	1.94	2.90	Roche Elecsys
	µU/ml = mIU/l	2.88	2.30	3.46	Diasorin Liaison
	µU/ml = mIU/l	2.42	1.94	2.90	Roche Modular E170
	µU/ml = mIU/l	2.16	1.73	2.59	Beckman Access Fast TSH
	µU/ml = mIU/l	2.22	1.78	2.66	Beckman Access hyperTSH 3rd Generation
	µU/ml = mIU/l	2.38	1.90	2.86	Tosoh AIA360
	µU/ml = mIU/l	2.57	2.06	3.08	Vitros ECI
	µU/ml = mIU/l	2.29	1.83	2.75	Beckman Coulter AU3000i
	µU/ml = mIU/l	2.51	2.01	3.01	Immunotech IRMA
	µU/ml = mIU/l	2.44	1.95	2.93	Roche Cobas E411
	µU/ml = mIU/l	2.41	1.93	2.89	Roche Cobas 6000/8000
	µU/ml = mIU/l	2.17	1.74	2.60	Beckman Dxl800 Hyper TSH

%

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Thyroid Stimulating Hormone	µU/ml = mIU/l	2.28	1.82	2.74	Monobind Inc. ELISA / CLIA
	µU/ml = mIU/l	2.01	1.61	2.41	Siemens Dimension Vista LOCI
	µU/ml = mIU/l	2.27	1.54	3.00	Siemens Centaur XP/XPT/Classic TSH3-Ultra
	µU/ml = mIU/l	2.50	2.00	3.00	Adaltis EIAgen
Tobramycin	µmol/l	7.16	5.73	8.59	Gravimetric
	µg/ml	3.35	2.68	4.02	
Total Beta hCG	mU/ml=IU/l	15.0	12.0	18.0	Abbott Architect
	IU/ml	0.015	0.012	0.018	
	mU/ml=IU/l	26.3	21.0	31.6	BioMerieux Vidas
	IU/ml	0.026	0.021	0.031	
	mU/ml=IU/l	18.6	11.2	26.0	Siemens Centaur XP/XPT/Classic
	IU/ml	0.019	0.011	0.027	
	mU/ml=IU/l	25.5	20.4	30.6	Siemens Dimension
	IU/ml	0.026	0.020	0.032	
	mU/ml=IU/l	31.5	25.2	37.8	Siemens Immulite 2000
	IU/ml	0.032	0.025	0.039	
	mU/ml=IU/l	28.9	23.1	34.7	Siemens Immulite 1000
	IU/ml	0.029	0.023	0.035	
	mU/ml=IU/l	15.7	12.6	18.8	Beckman Dxl800
	IU/ml	0.016	0.013	0.019	
	mU/ml=IU/l	12.7	10.2	15.2	Diasorin Liaison
	IU/ml	0.013	0.010	0.016	
	mU/ml=IU/l	15.9	12.7	19.1	Roche Cobas Core EIA
	IU/ml	0.016	0.013	0.019	
	mU/ml=IU/l	14.9	11.9	17.9	Beckman Access
	IU/ml	0.015	0.012	0.018	
	mU/ml=IU/l	25.8	20.6	31.0	Tosoh AIA360
	IU/ml	0.026	0.021	0.031	
	mU/ml=IU/l	28.3	22.6	34.0	Vitros Eci
	IU/ml	0.028	0.023	0.033	
	mU/ml=IU/l	22.2	17.8	26.6	Roche STAT (Intact)
	IU/ml	0.022	0.018	0.026	
	mU/ml=IU/l	15.9	12.7	19.1	Roche hCG+Beta
	IU/ml	0.016	0.013	0.019	
	mU/ml=IU/l	16.0	12.8	19.2	Beckman Access Total BhCG (5th IS)
	IU/ml	0.016	0.013	0.019	
	mU/ml=IU/l	16.8	13.4	20.2	Beckman Dxl Total BhCG (5th IS)
	IU/ml	0.017	0.013	0.021	
Total T3	nmol/l	4.15	3.11	5.19	Abbott Architect
	ng/ml	2.70	2.02	3.38	
	ng/dl	270	202	338	
	nmol/l	4.98	3.74	6.23	BioMerieux Vidas
	ng/ml	3.24	2.43	4.05	
	ng/dl	324	243	405	
	nmol/l	5.64	4.23	7.05	Siemens Centaur XP/XPT/Classic
	ng/ml	3.67	2.75	4.59	
	ng/dl	367	275	459	

%

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Total T3	nmol/l	4.28	3.21	5.35	Siemens Immulite 2000/2500
	ng/ml	2.79	2.09	3.49	
	ng/dl	279	209	349	
	nmol/l	4.53	3.40	5.66	Siemens Immulite 1000
	ng/ml	2.95	2.21	3.69	
	ng/dl	295	221	369	
	nmol/l	4.20	3.15	5.25	Beckman Dxl800
	ng/ml	2.73	2.05	3.41	
	ng/dl	273	205	341	
	nmol/l	4.94	3.71	6.18	Roche Elecsys
	ng/ml	3.22	2.42	4.02	
	ng/dl	322	242	402	
	nmol/l	4.52	3.39	5.65	Diasorin Liaison
	ng/ml	2.94	2.21	3.67	
	ng/dl	294	221	367	
	nmol/l	4.72	3.54	5.90	Roche Modular E170
	ng/ml	3.07	2.30	3.84	
	ng/dl	307	230	384	
	nmol/l	4.32	3.24	5.40	Beckman Access
	ng/ml	2.81	2.11	3.51	
	ng/dl	281	211	351	
	nmol/l	4.70	3.53	5.88	Tosoh AIA360
	ng/ml	3.06	2.30	3.82	
	ng/dl	306	230	382	
	nmol/l	5.06	3.80	6.33	Vitros ECI
	ng/ml	3.29	2.47	4.11	
	ng/dl	329	247	411	
	nmol/l	3.31	2.48	4.14	CIS RIA Coated tube
	ng/ml	2.15	1.61	2.69	
	ng/dl	215	161	269	
	nmol/l	4.81	3.61	6.01	Roche Cobas E411
	ng/ml	3.13	2.35	3.91	
	ng/dl	313	235	391	
	nmol/l	4.68	3.51	5.85	Roche Cobas 6000/8000
	ng/ml	3.05	2.29	3.81	
	ng/dl	305	229	381	
	nmol/l	4.53	3.40	5.66	Monobind Inc. ELISA / CLIA
	ng/ml	2.95	2.21	3.69	
	ng/dl	295	221	369	
Total T4	nmol/l	139	104	174	Abbott Architect
	µg/dl	10.8	8.11	13.5	
	ng/ml	108	81.1	135	
	nmol/l	147	110	184	BioMerieux Vidas
	µg/dl	11.5	8.58	14.4	
	ng/ml	115	85.8	144	

%

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Total T4	nmol/l	154	100	208	Siemens Centaur XP/XPT/Classic
	µg/dl	12.0	7.80	16.2	
	ng/ml	120	78.0	162	
	nmol/l	146	110	183	Siemens Immulite 2000/2500
	µg/dl	11.4	8.58	14.2	
	ng/ml	114	85.8	142	
	nmol/l	152	114	190	Siemens Immulite 1000
	µg/dl	11.9	8.89	14.9	
	ng/ml	119	88.9	149	
	nmol/l	136	102	170	Beckman Dxl800
	µg/dl	10.6	7.96	13.2	
	ng/ml	106	79.6	132	
	nmol/l	133	100	166	Roche Elecsys
	µg/dl	10.4	7.80	13.0	
	ng/ml	104	78.0	130	
	nmol/l	132	99.0	165	Roche Modular E170
	µg/dl	10.3	7.72	12.9	
	ng/ml	103	77.2	129	
	nmol/l	144	108	180	Beckman Access
	µg/dl	11.2	8.42	14.0	
	ng/ml	112	84.2	140	
	nmol/l	129	96.8	161	Tosoh AIA360
	µg/dl	10.1	7.55	12.7	
	ng/ml	101	75.5	127	
	nmol/l	143	107	179	Vitros ECI
	µg/dl	11.2	8.35	14.1	
	ng/ml	112	83.5	141	
	nmol/l	137	103	171	MP Biomedicals RIA
	µg/dl	10.7	8.03	13.4	
	ng/ml	107	80.3	134	
	nmol/l	131	98.3	164	CIS RIA Coated tube
	µg/dl	10.2	7.67	12.7	
	ng/ml	102	76.7	127	
	nmol/l	134	101	168	Roche Cobas E411
	µg/dl	10.5	7.88	13.1	
	ng/ml	105	78.8	131	
	nmol/l	131	98.3	164	Roche Cobas 6000/8000
	µg/dl	10.2	7.67	12.7	
	ng/ml	102	76.7	127	
	nmol/l	121	90.8	151	Immunotech IRMA
	µg/dl	9.44	7.08	11.8	
	ng/ml	94.4	70.8	118	
	nmol/l	158	119	198	Siemens Dimension
	µg/dl	12.3	9.28	15.3	
	ng/ml	123	92.8	153	
	nmol/l	156	117	195	Monobind Inc. ELISA / CLIA
	µg/dl	12.2	9.13	15.3	
	ng/ml	122	91.3	153	

%

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Valproic Acid	µmol/l	552	442	662	Abbott AXSYM
	µg/ml	79.7	63.8	95.6	
	µmol/l	538	430	646	Abbott Architect
	µg/ml	77.6	62.0	93.2	
	µmol/l	587	470	704	Behring Emit
	µg/ml	84.7	67.8	102	
	µmol/l	545	436	654	Siemens Centaur XP/XPT/Classic
	µg/ml	78.6	62.9	94.3	
	µmol/l	554	443	665	Siemens Dimension
	µg/ml	79.9	63.9	95.9	
	µmol/l	544	435	653	Siemens Immulite 2000/2500
	µg/ml	78.5	62.8	94.2	
	µmol/l	559	447	671	Siemens Immulite 1000
	µg/ml	80.7	64.5	96.9	
	µmol/l	538	430	646	Roche Integra
	µg/ml	77.6	62.0	93.2	
	µmol/l	542	434	650	Vitros
	µg/ml	78.2	62.6	93.8	
	µmol/l	555	444	666	Roche Modular P-D
	µg/ml	80.1	64.1	96.1	
	µmol/l	570	456	684	Roche Cobas E411
	µg/ml	82.3	65.8	98.8	
	µmol/l	565	452	678	Roche Cobas 6000/8000
	µg/ml	81.5	65.2	97.8	
Vancomycin	µmol/l	522	418	626	Beckman DxC
	µg/ml	75.3	60.3	90.3	
	µmol/l	576	461	691	Beckman AU400/600/640/2700/5400
	µg/ml	83.1	66.5	100	
	µmol/l	605	484	726	Siemens ADVIA 1200/1650/1800/2400
	µg/ml	87.3	69.8	105	
	µmol/l	638	510	765	Gravimetric
	µg/ml	92.0	73.6	110	
	µmol/l	8.12	6.50	9.74	Roche Integra
	µg/ml	12.1	9.66	14.5	
	µmol/l	6.56	5.25	7.87	Ortho Vitros Microslide Systems
	µg/ml	9.75	7.80	11.7	
	µmol/l	8.16	6.53	9.79	Abbott Architect
	µg/ml	12.1	9.70	14.5	
	µmol/l	5.94	4.63	7.25	Siemens Centaur XP/XPT/Classic
	µg/ml	8.83	6.89	10.8	
	µmol/l	7.17	5.74	8.60	Siemens Dimension
	µg/ml	10.7	8.53	12.9	
	µmol/l	7.67	6.14	9.20	Roche Cobas 6000/8000
	µg/ml	11.4	9.12	13.7	

%

IMMUNOASSAY PREMIUM PLUS - LEVEL 2 (IA PREMIUM PLUS 2)

Cat. No. IA3110 / IA3112 Lot No. 1477EC Size: 12 x 5 ml / 12 x 5 ml Expiry: 2017-10

Range					
Analyte	unit	Target	low	high	methods
Vancomycin	µmol/l	7.10	5.68	8.52	Gravimetric
	µg/ml	10.6	8.44	12.7	
Vitamin B12	pmol/l	422	338	506	Abbott Architect
	pg/ml	572	458	686	
	pmol/l	452	339	565	Siemens Centaur XP/XPT/Classic
	pg/ml	612	459	765	
	pmol/l	417	334	500	Siemens Immulite 2000
	pg/ml	565	453	677	
	pmol/l	376	301	451	Beckman Dxl800
	pg/ml	509	408	610	
	pmol/l	419	335	503	Roche Elecsys
	pg/ml	568	454	682	
	pmol/l	432	346	518	Roche Modular E170
	pg/ml	585	469	701	
	pmol/l	386	309	463	Beckman Access
	pg/ml	523	419	627	
	pmol/l	528	422	634	Tosoh AIA360
	pg/ml	715	572	858	
	pmol/l	432	346	518	Vitros Eci
	pg/ml	585	469	701	
	pmol/l	439	351	527	MP Biomedicals RIA
	pg/ml	595	476	714	
	pmol/l	419	335	503	Roche Cobas E411
	pg/ml	568	454	682	
	pmol/l	423	338	508	Roche Cobas 6000/8000
	pg/ml	573	458	688	
	pmol/l	418	334	502	Siemens Dimension
	pg/ml	566	453	679	