

免疫质控品水平1

货号: IA3109 **GTIN:** 05055273207255 规格: 12 x 5 ml
货号: IA3112 **GTIN:** 05055273207286 规格: 4 x 5 ml
批号: 1810EC 效期: 2021-05-28

产品描述

本品适用于临床化学体外诊断的免疫质控, 用于监测免疫测定的正确度或重复度。朗道供应三种浓度水平

(水平 1: IA3109; 水平 2: IA3110; 水平3: IA3111)。

安全预防措施和警告

本产品仅用于体外诊断。禁止用口吸。按照实验室常规预防措施对试剂进行处理。

该质控品采用人基质血清, 对所有捐献者的血清均进行了HIV (HIV1、HIV2) 抗体、肝炎B 表面抗原 (HbsAg) 和肝炎 C 病毒 (HCV) 抗体的测试, 发现均呈阴性。所采用的方法均经 FDA 认证。

然而, 既然没有一种方法能够完全保证其没有传染物质, 因此该质控品和所有的病人样品均应当按照能够传播疾病的样品小心处理。

s保存和稳定性

开瓶后, 2~8°C 保存。复溶后的血清如果保存在原始容器, 并且无污染, 可在 2~8°C 保存7 天, 并可在-20°C 保存 4 周, 只能冻融一次。C 肽在 2~8°C 可稳定 1 天。甲状旁腺素 (PTH) 和甲状腺球蛋白 (TG) 复溶后如果 2~8°C 保存, 要在4 小时内检测; 若-20°C 保存, 则须在 2 周内检测。促肾上腺皮质激素 (ACTH) 如果 2~ 8°C 保存, 要在4 小时内检测。不提供促肾上腺皮质激素 (ACTH)、醛固酮和C-肽的冷冻稳定性说明。每次使用只吸取所需用量, 剩余的样品不可返回原瓶。

未开瓶, 2~8 °C 可保存至效期末。

复溶后的血清在受到细菌污染后, 会导致许多组分稳定性的下降, 应该将该瓶样品抛弃, 重新复溶一瓶新的血清。

使用说明

该免疫质控品为冻干粉。

1. 小心打开瓶盖, 往瓶中准确加入5 ml 蒸馏水, 在 15~25 °C 的条件下复溶, 盖上瓶盖, 放置30 分钟。轻轻翻转瓶子, 确保内容物完全溶解; 不要振荡, 避免气泡的产生。
2. 参照各个分析仪的质控说明。
3. 冷藏未使用的材料, 再次使用前, 确保样品充分混合均匀。

规格

免疫质控品水平1: 12 x 5 ml 水平3: 4 x 5 ml

所需但未提供材料
移液管

赋值

每一批质控血清都要送到参考实验室, 这些实验室通过独特的统计分析方法得到一个结果进行赋值。质控范围值是平均值 \pm 2 S.D., 质控结果应该落在这个区间内; 然而, 朗道赋值系统与客户端检测系统存在的差异不可避免, 所以靶值书仅供参考, 建议每个实验室建立自己的参考靶值和可接受范围。

该质控品可用于醛固酮项目, 但只提供水平2 和水平 3 的靶值。该材料还可用于PTH 项目的质控, 但不作定值参考范围和稳定性的声明。

雅培Abbott Architect 的CA19-9 检验原理为抗原抗体反应, 所使用的抗体材料是 1116-NA-19-9, 有报道指出 1116-NA-19-9 的浓度很高时, Abbott Architect 系统的检验结果比其它方法的结果可能更高。

注: 详细赋值信息请以原版英文说明书为准, 原版说明书请在英国朗道公司官网 www.randox.com 进行下载。

20181031

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods	
			low	high		
17-OH-Progesterone 17-羟基孕酮	nmol/l	2.64	1.98	3.30	Immunotech RIA	
	ng/ml	0.874	0.655	1.09		
	nmol/l	3.46	2.60	4.33	DRG ELISA	
	ng/ml	1.15	0.861	1.44		
	nmol/l	4.43	3.32	5.54	DIAsource RIA	
	ng/ml	1.47	1.10	1.84		
	nmol/l	3.67	2.75	4.59	SNIBE Maglumi Analysers	
	ng/ml	1.21	0.910	1.51		
	25-OH Vitamin D 25-OH-维生素 D	nmol/l	31.7	23.8	39.6	Diasorin Liaison
		nmol/l	16.2	12.2	20.3	Roche Vitamin D Total
		nmol/l	15.0	11.3	18.8	Abbott Architect
		nmol/l	63.7	47.8	79.6	SNIBE Maglumi Analysers
nmol/l		57.5	43.1	71.9	Vitros ECI	
nmol/l		24.7	18.5	30.9	Tosoh Series	
nmol/l		21.4	16.1	26.8	BioMerieux Vidas	
nmol/l		34.7	26.0	43.4	Beckman Dxl 600/800	
nmol/l		11.4	8.55	14.3	Fujirebio Lumipulse G Series	
ACTH 促肾上腺皮质激素	nmol/l	33.4	25.1	41.8	Beckman Access 25 OH Vitamin D Total	
	pmol/l	1.13	0.848	1.41	Siemens Immulite 2000/2500	
	pg/ml	5.14	3.85	6.43		
	pmol/l	2.13	1.60	2.66	Roche Cobas E411	
	pg/ml	9.68	7.27	12.1		
	pmol/l	2.02	1.52	2.53	Roche Cobas 6000/8000	
	pg/ml	9.18	6.91	11.5		
	Alphafoetoprotein 甲胎蛋白 (AFP)	KIU/l = IU/ml	8.71	6.97	10.5	Abbott Architect
		ng/ml	10.5	8.43	12.6	
KIU/l = IU/ml		8.07	6.46	9.68	BioMerieux Vidas	
ng/ml		9.76	7.82	11.7		
KIU/l = IU/ml		9.90	7.82	12.0	Siemens Centaur XP/XPT/Classic	
ng/ml		12.0	9.48	14.5		
KIU/l = IU/ml		8.33	6.66	10.0	Siemens Immulite 2000/2500	
ng/ml		10.1	8.06	12.1		
KIU/l = IU/ml		8.43	6.74	10.1	Siemens Immulite 1000	
ng/ml		10.2	8.16	12.2		
KIU/l = IU/ml		9.46	7.57	11.4	Beckman Dxl800	
ng/ml		11.4	9.16	13.6		
KIU/l = IU/ml		9.60	7.68	11.5	Roche Elecsys	
ng/ml	11.6	9.29	13.9			
KIU/l = IU/ml	11.0	8.80	13.2	Diasorin Liaison		
ng/ml	13.3	10.6	16.0			
KIU/l = IU/ml	9.81	7.85	11.8	Roche Modular E170		
ng/ml	11.9	9.50	14.3			

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Range					
Analyte	unit	Target	low	high	methods
Alphafoetoprotein 甲胎蛋白 (AFP)	KIU/l = IU/ml	9.63	7.70	11.6	Beckman Access
	ng/ml	11.7	9.32	14.1	
	KIU/l = IU/ml	9.87	7.90	11.8	Tosoh Series
	ng/ml	11.9	9.56	14.2	
	KIU/l = IU/ml	10.2	8.16	12.2	Vitros Eci
	ng/ml	10.6	8.48	12.7	
	KIU/l = IU/ml	9.82	7.86	11.8	Roche Cobas 6000/8000
	ng/ml	11.9	9.51	14.3	
	KIU/l = IU/ml	15.3	12.2	18.4	CIS IRMA
	ng/ml	18.5	14.8	22.2	
	KIU/l = IU/ml	9.70	7.76	11.6	Roche Cobas E411
	ng/ml	11.7	9.39	14.0	
	KIU/l = IU/ml	10.2	8.16	12.2	SNIBE Maglumi Analysers
	ng/ml	12.3	9.87	14.7	
KIU/l = IU/ml	9.37	7.50	11.2	Fujirebio Lumipulse G Series	
ng/ml	11.3	9.08	13.5		
KIU/l = IU/ml	10.4	8.32	12.5	Siemens Dimension	
ng/ml	12.6	10.1	15.1		
KIU/l = IU/ml	9.61	7.59	11.6	Siemens Centaur CP	
ng/ml	11.6	9.16	14.0		
Amikacin 丁胺卡那霉素	µmol/l	6.49	5.19	7.79	Roche Integra
	µg/ml	3.80	3.04	4.56	Roche Cobas 6000/8000
	µmol/l	6.45	5.16	7.74	
	µg/ml	3.78	3.02	4.54	Gravimetric
	µmol/l	6.40	5.12	7.68	
µg/ml	3.75	3.00	4.50		
Androstenedione 雄烯二酮	nmol/l	4.34	3.26	5.43	Siemens Immulite 2000
	ng/ml	1.25	0.936	1.56	
Beta-2-microglobulin β-2-微球蛋白	µg/ml = mg/l	1.04	0.832	1.25	Abbott Architect
	µg/ml = mg/l	1.13	0.904	1.36	BioMerieux Vidas
	µg/ml = mg/l	1.02	0.816	1.22	Behring Nephelometer
	µg/ml = mg/l	1.07	0.856	1.28	Siemens Immulite 2000/2500
	µg/ml = mg/l	1.11	0.888	1.33	Siemens Immulite 1000
	µg/ml = mg/l	0.856	0.685	1.03	Diasorin Liaison
	µg/ml = mg/l	1.22	0.976	1.46	Tosoh Series
	µg/ml = mg/l	1.09	0.872	1.31	Roche Cobas E411
	µg/ml = mg/l	1.17	0.936	1.40	Roche Cobas 6000/8000
	µg/ml = mg/l	1.06	0.848	1.27	Siemens Dimension
	µg/ml = mg/l	0.698	0.558	0.838	SNIBE Maglumi Analysers
	µg/ml = mg/l	0.976	0.781	1.17	Fujirebio Lumipulse G Series
C-Peptide C-肽	nmol/l	0.275	0.206	0.344	Siemens Immulite 2000/2500
	ng/ml	0.830	0.622	1.04	
	nmol/l	0.433	0.325	0.541	Roche Elecsys
	ng/ml	1.31	0.981	1.64	
	nmol/l	0.434	0.326	0.543	Roche Cobas 6000/8000
ng/ml	1.31	0.984	1.64		

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Analyte	unit	Target	Range		methods
			low	high	
C-Peptide C-肽	nmol/l	0.250	0.188	0.313	Siemens Immulite 1000
	ng/ml	0.755	0.568	0.942	
	nmol/l	0.405	0.304	0.506	Diasorin Liaison
	ng/ml	1.22	0.918	1.52	
	nmol/l	0.431	0.323	0.539	Roche Cobas E411
	ng/ml	1.30	0.975	1.63	
	nmol/l	0.332	0.249	0.415	Abbott Architect
	ng/ml	1.00	0.752	1.25	
CA 15-3	nmol/l	0.262	0.183	0.341	Siemens Centaur XP/XPT/Classic
	ng/ml	0.791	0.554	1.03	
	nmol/l	0.577	0.433	0.721	SNIBE Maglumi Analysers
	ng/ml	1.74	1.31	2.17	
	U/ml	23.8	19.0	28.6	Abbott Architect
	U/ml	21.1	16.9	25.3	BioMerieux Vidas
	U/ml	21.0	13.9	28.1	Siemens Centaur XP/XPT/Classic
	U/ml	21.3	17.0	25.6	Siemens Immulite 2000/2500
	U/ml	23.9	19.1	28.7	Siemens Immulite 1000
	U/ml	9.47	7.58	11.4	Beckman DxI800
	U/ml	19.6	15.7	23.5	Roche Elecsys
	U/ml	20.3	16.2	24.4	Roche Modular E170
	U/ml	9.72	7.78	11.7	Beckman Access
	U/ml	23.1	18.5	27.7	Tosoh Series
	U/ml	19.7	15.8	23.6	Vitros ECi
	U/ml	20.3	16.2	24.4	Roche Cobas 6000/8000
U/ml	20.2	16.2	24.2	Roche Cobas E411	
U/ml	23.6	18.9	28.3	SNIBE Maglumi Analysers	
U/ml	24.6	19.7	29.5	Fujirebio Lumipulse G Series	
U/ml	20.8	13.7	27.9	Siemens Centaur CP	
CA 19-9	U/ml	209	167	251	Abbott Architect
	U/ml	38.6	30.9	46.3	BioMerieux Vidas
	U/ml	67.8	44.7	90.9	Siemens Centaur XP/XPT/Classic
	U/ml	20.3	16.2	24.4	Siemens Immulite 2000/2500
	U/ml	25.8	20.6	31.0	Beckman DxI800
	U/ml	18.1	14.5	21.7	Roche Elecsys
	U/ml	43.7	35.0	52.4	Diasorin Liaison
	U/ml	19.0	15.2	22.8	Roche Modular E170
	U/ml	27.4	21.9	32.9	Beckman Access
	U/ml	15.3	12.2	18.4	Tosoh Series
	U/ml	45.8	36.6	55.0	Vitros ECi
	U/ml	207	166	248	Abbott Architect XR/XR2 kit
	U/ml	18.0	14.4	21.6	Roche Cobas 6000/8000
	U/ml	18.1	14.5	21.7	Roche Cobas E411
	U/ml	14.3	11.4	17.2	SNIBE Maglumi Analysers
	U/ml	38.5	30.8	46.2	Fujirebio Lumipulse G Series
U/ml	72.5	47.9	97.1	Siemens Centaur CP	
CA125	U/ml	32.0	25.6	38.4	Abbott Architect

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Range					
Analyte	unit	Target	low	high	methods
CA125	U/ml	21.7	17.4	26.0	BioMerieux Vidas
	U/ml	24.9	16.4	33.4	Siemens Centaur XP/XPT/Classic OV Kit
	U/ml	24.2	16.0	32.4	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	21.5	17.2	25.8	Siemens Immulite 2000/2500
	U/ml	21.3	17.0	25.6	Siemens Immulite 1000
	U/ml	19.6	15.7	23.5	Beckman DxI800
	U/ml	21.1	16.9	25.3	Roche Elecsys
	U/ml	26.6	21.3	31.9	Diasorin Liaison
	U/ml	20.4	16.3	24.5	Roche Modular E170
	U/ml	19.9	15.9	23.9	Beckman Access
	U/ml	37.4	29.9	44.9	Tosoh Series
	U/ml	20.6	16.5	24.7	Vitros ECi
	U/ml	21.0	16.8	25.2	Roche Cobas E411
	U/ml	20.8	16.6	25.0	Roche Cobas 6000/8000
	U/ml	22.8	18.2	27.4	SNIBE Maglumi Analysers
	U/ml	20.4	16.3	24.5	Fujirebio Lumipulse G Series
	U/ml	25.2	16.6	33.8	Siemens Centaur CP CA125 II kit
Carbamazepine 立痛定 (卡马西平)	µmol/l	15.8	12.6	19.0	Abbott Architect
	µg/ml	3.74	2.98	4.50	
	µmol/l	16.9	12.2	21.6	Siemens Centaur XP/XPT/Classic
	µg/ml	4.00	2.88	5.12	
	µmol/l	14.3	11.4	17.2	Siemens Dimension
	µg/ml	3.38	2.69	4.07	
	µmol/l	12.5	10.0	15.0	Siemens Immulite 2000/2500
	µg/ml	2.96	2.36	3.56	
	µmol/l	11.9	9.52	14.3	Siemens Immulite 1000
	µg/ml	2.81	2.25	3.37	
	µmol/l	15.4	12.3	18.5	Roche Integra
	µg/ml	3.64	2.91	4.37	
	µmol/l	12.7	10.2	15.2	Vitros
	µg/ml	3.00	2.41	3.59	
	µmol/l	14.7	11.8	17.6	Roche Cobas E411
	µg/ml	3.48	2.79	4.17	
	µmol/l	14.0	11.2	16.8	Roche Cobas 6000/8000
	µg/ml	3.31	2.65	3.97	
	µmol/l	13.9	11.1	16.7	Beckman DxC
	µg/ml	3.29	2.62	3.96	
µmol/l	16.6	13.3	19.9	Beckman AU400/600/640/2700/5400	
µg/ml	3.92	3.14	4.70		
µmol/l	15.6	12.5	18.7	Siemens ADVIA 1200/1650/1800/2400	
µg/ml	3.69	2.96	4.42		
µmol/l	15.4	12.3	18.5	Gravimetric	
µg/ml	3.64	2.91	4.37		
Carcinoembryonic Antigen (CEA) 癌胚抗原	ng/ml = µg/l	4.51	3.61	5.41	Abbott Architect
	ng/ml = µg/l	3.85	3.08	4.62	BioMerieux Vidas
	ng/ml = µg/l	4.22	2.79	5.65	Siemens Centaur XP/XPT/Classic

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Analyte	unit	Target	Range		methods
			low	high	
Carcinoembryonic Antigen (CEA) 癌胚抗原	ng/ml = µg/l	4.21	3.37	5.05	CIS RIA Coated tube
	ng/ml = µg/l	5.03	4.02	6.04	Siemens Immulite 2000/2500
	ng/ml = µg/l	5.04	4.03	6.05	Siemens Immulite 1000
	ng/ml = µg/l	3.78	3.02	4.54	Beckman Dxl800
	ng/ml = µg/l	4.05	3.24	4.86	Roche Elecsys
	ng/ml = µg/l	3.86	3.09	4.63	Diasorin Liaison
	ng/ml = µg/l	4.17	3.34	5.00	Roche Modular E170
	ng/ml = µg/l	3.91	3.13	4.69	Beckman Access
	ng/ml = µg/l	6.71	5.37	8.05	Tosoh Series
	ng/ml = µg/l	4.66	3.73	5.59	Vitros ECi
	ng/ml = µg/l	4.13	3.30	4.96	Roche Cobas 6000/8000
	ng/ml = µg/l	4.21	3.37	5.05	Roche Cobas E411
	ng/ml = µg/l	4.83	3.86	5.80	SNIBE Maglumi Analysers
	ng/ml = µg/l	5.84	4.67	7.01	Fujirebio Lumipulse G Series
	ng/ml = µg/l	4.29	2.83	5.75	Siemens Centaur CP
Cortisol 皮质醇	nmol/l	177	133	221	Abbott Architect
	µg/dl	6.37	4.79	7.95	
	nmol/l	103	77.3	129	BioMerieux Vidas
	µg/dl	3.71	2.78	4.64	
	nmol/l	163	108	218	Siemens Centaur XP/XPT/Classic
	µg/dl	5.87	3.87	7.87	
	nmol/l	135	101	169	CIS RIA
	µg/dl	4.86	3.64	6.08	
	nmol/l	175	131	219	Siemens Immulite 2000/2500
	µg/dl	6.30	4.72	7.88	
	nmol/l	165	124	206	Siemens Immulite 1000
	µg/dl	5.94	4.46	7.42	
	nmol/l	170	128	213	Beckman Dxl800
	µg/dl	6.12	4.61	7.63	
	nmol/l	157	118	196	Roche Elecsys
	µg/dl	5.65	4.25	7.05	
	nmol/l	195	146	244	Diasorin Liaison
	µg/dl	7.02	5.26	8.78	
	nmol/l	152	114	190	Roche Modular E170
	µg/dl	5.47	4.10	6.84	
nmol/l	176	132	220	Beckman Access	
µg/dl	6.34	4.75	7.93		
nmol/l	159	119	199	Tosoh Series	
µg/dl	5.72	4.28	7.16		
nmol/l	130	97.5	163	Vitros ECi	
µg/dl	4.68	3.51	5.85		
nmol/l	153	115	191	Roche Cobas 6000/8000	
µg/dl	5.51	4.14	6.88		
nmol/l	162	122	203	Roche Cobas E411	
µg/dl	5.83	4.39	7.27		
nmol/l	238	179	298	SNIBE Maglumi Analysers	
µg/dl	8.57	6.44	10.7		

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Analyte	unit	Target	Range		methods
			low	high	
Cortisol 皮质醇	nmol/l	183	121	245	Siemens Centaur CP
	µg/dl	6.59	4.35	8.83	
	nmol/l	157	118	196	Roche Modular E170 Gen II
	µg/dl	5.65	4.25	7.05	
	nmol/l	162	122	203	Roche Cobas 4000/e411 Gen II
	µg/dl	5.83	4.39	7.27	
	nmol/l	152	114	190	Roche Cobas 6000/8000 Gen II
	µg/dl	5.47	4.10	6.84	
	nmol/l	168	126	210	Roche Elecsys Gen II
	µg/dl	6.05	4.54	7.56	
DHEA-S 去表雄酮硫酸盐	µmol/l	2.21	1.77	2.65	Abbott Architect
	µmol/l	1.72	1.38	2.06	Siemens Immulite 2000/2500
	µmol/l	1.73	1.38	2.08	Siemens Immulite 1000
	µmol/l	2.12	1.70	2.54	Beckman Dxl800
	µmol/l	2.91	2.33	3.49	Roche Elecsys
	µmol/l	2.91	2.33	3.49	Roche Modular E170
	µmol/l	2.44	1.95	2.93	Beckman Access
	µmol/l	1.57	1.26	1.88	Diasorin Liaison
	µmol/l	1.51	0.982	2.04	Siemens Centaur XP/XPT/Classic
	µmol/l	2.78	2.22	3.34	Roche Cobas E411
Digoxin 地高辛	nmol/l	0.680	0.544	0.816	Abbott Architect
	ng/ml	0.531	0.425	0.637	
	nmol/l	0.718	0.574	0.862	BioMerieux Vidas
	ng/ml	0.561	0.448	0.674	
	nmol/l	1.07	0.803	1.34	Siemens Centaur XP/XPT/Classic
	ng/ml	0.836	0.627	1.05	
	nmol/l	0.758	0.606	0.910	Siemens Dimension
	ng/ml	0.592	0.473	0.711	
	nmol/l	0.796	0.637	0.955	Siemens Immulite 2000/2500
	ng/ml	0.622	0.497	0.747	
	nmol/l	0.868	0.694	1.04	Beckman Dxl800
	ng/ml	0.678	0.542	0.814	
	nmol/l	0.891	0.713	1.07	Roche Integra
	ng/ml	0.696	0.557	0.835	
	nmol/l	0.938	0.750	1.13	Roche Cobas 6000/8000
	ng/ml	0.733	0.586	0.880	
	nmol/l	0.808	0.646	0.970	Beckman DxC
	ng/ml	0.631	0.505	0.757	
	nmol/l	1.00	0.800	1.20	Beckman AU400/600/640/2700/5400
	ng/ml	0.781	0.625	0.937	
nmol/l	0.730	0.584	0.876	Siemens ADVIA 1200/1650/1800/2400	
ng/ml	0.570	0.456	0.684		
nmol/l	0.560	0.448	0.672	SNIBE Maglumi Analysers	
ng/ml	0.437	0.350	0.524		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Digoxin 地高辛	nmol/l	0.969	0.775	1.16	Roche Cobas 4000/E411
	ng/ml	0.757	0.605	0.909	
	nmol/l	0.896	0.720	1.08	Gravimetric
	ng/ml	0.700	0.560	0.840	
Ethosuximide 乙琥胺	µmol/l	226	181	271	Gravimetric
	µg/ml	32.0	25.7	38.4	
Ferritin 血清铁蛋白	ng/ml = µg/l	14.1	11.3	16.9	Abbott Architect
	ng/ml = µg/l	10.7	8.56	12.8	BioMerieux Vidas
	ng/ml = µg/l	12.3	9.23	15.4	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	12.2	9.76	14.6	Siemens Immulite 2000/2500
	ng/ml = µg/l	12.6	10.1	15.1	Siemens Immulite 1000
	ng/ml = µg/l	9.26	7.41	11.1	Beckman Dxl800
	ng/ml = µg/l	14.2	11.4	17.0	Roche Elecsys
	ng/ml = µg/l	11.8	9.44	14.2	Diasorin Liaison
	ng/ml = µg/l	14.1	11.3	16.9	Roche Modular E170
	ng/ml = µg/l	8.94	7.15	10.7	Beckman Access
	ng/ml = µg/l	8.48	6.78	10.2	Tosoh Series
	ng/ml = µg/l	10.5	8.40	12.6	Vitros ECI
	ng/ml = µg/l	13.2	10.6	15.8	Immunotech IRMA
	ng/ml = µg/l	14.3	11.4	17.2	Roche Cobas E411
	ng/ml = µg/l	8.63	6.90	10.4	SNIBE Maglumi Analysers
ng/ml = µg/l	6.40	5.12	7.68	Fujirebio Lumipulse G Series	
ng/ml = µg/l	10.5	7.88	13.1	Siemens Centaur CP	
Folate 叶酸	nmol/l	4.25	3.23	5.27	Abbott Architect
	ng/ml	1.87	1.42	2.32	
	nmol/l	9.11	5.01	13.2	Siemens Centaur XP/XPT/Classic (enhanced kit)
	ng/ml	4.02	2.21	5.83	
	nmol/l	3.17	2.41	3.93	Siemens Immulite 2000
	ng/ml	1.40	1.06	1.74	
	nmol/l	3.80	2.89	4.71	Beckman Dxl800
	ng/ml	1.68	1.27	2.09	
	nmol/l	4.14	3.15	5.13	Beckman Access
	ng/ml	1.83	1.39	2.27	
	nmol/l	7.03	5.34	8.72	Tosoh Series
	ng/ml	3.10	2.35	3.85	
	nmol/l	4.55	3.46	5.64	Vitros ECI
	ng/ml	2.01	1.53	2.49	
	nmol/l	2.51	1.91	3.11	MP Biomedicals RIA
	ng/ml	1.11	0.842	1.38	
	nmol/l	3.61	2.74	4.48	Roche Cobas 6000/8000
	ng/ml	1.59	1.21	1.97	
nmol/l	2.81	2.14	3.48	SNIBE Maglumi Analysers	
ng/ml	1.24	0.944	1.54		
nmol/l	9.82	5.40	14.2	Siemens Centaur CP (enhanced kit)	
ng/ml	4.33	2.38	6.28		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Folate 叶酸	nmol/l	3.58	2.72	4.44	Roche Cobas 6000/8000 Folate III
	ng/ml	1.58	1.20	1.96	
Free T3 游离 T3	pmol/l	2.45	1.84	3.06	Abbott Architect
	ng/dl	0.159	0.120	0.198	
	pg/ml	1.59	1.20	1.98	
	pmol/l	2.28	1.71	2.85	BioMerieux Vidas
	ng/dl	0.148	0.111	0.185	
	pg/ml	1.48	1.11	1.85	
	pmol/l	2.80	1.68	3.92	Siemens Centaur XP/XPT/Classic
	ng/dl	0.182	0.109	0.255	
	pg/ml	1.82	1.09	2.55	
	pmol/l	2.64	1.98	3.30	Siemens Immulite 2000/2500
	ng/dl	0.172	0.129	0.215	
	pg/ml	1.72	1.29	2.15	
	pmol/l	2.69	2.02	3.36	Siemens Immulite 1000
	ng/dl	0.175	0.131	0.219	
	pg/ml	1.75	1.32	2.18	
	pmol/l	3.07	2.30	3.84	Beckman DxI800
	ng/dl	0.200	0.150	0.250	
	pg/ml	2.00	1.50	2.50	
	pmol/l	3.43	2.57	4.29	Roche Elecsys
	ng/dl	0.223	0.167	0.279	
pg/ml	2.23	1.67	2.79		
pmol/l	2.29	1.72	2.86	Diasorin Liaison	
ng/dl	0.149	0.112	0.186		
pg/ml	1.49	1.12	1.86		
pmol/l	3.28	2.46	4.10	Roche Modular E170	
ng/dl	0.213	0.160	0.266		
pg/ml	2.14	1.60	2.68		
pmol/l	3.13	2.35	3.91	Beckman Access	
ng/dl	0.203	0.153	0.253		
pg/ml	2.04	1.53	2.55		
pmol/l	2.92	2.19	3.65	Tosoh Series	
ng/dl	0.190	0.142	0.238		
pg/ml	1.90	1.43	2.37		
pmol/l	6.21	4.66	7.76	Vitros ECi	
ng/dl	0.404	0.303	0.505		
pg/ml	4.04	3.03	5.05		
pmol/l	3.53	2.65	4.41	Roche Cobas E411	
ng/dl	0.229	0.172	0.286		
pg/ml	2.30	1.73	2.87		
pmol/l	3.33	2.50	4.16	Roche Cobas 6000/8000	
ng/dl	0.216	0.163	0.269		
pg/ml	2.17	1.63	2.71		
pmol/l	1.78	1.34	2.23	SNIBE Maglumi Analysers	
ng/dl	0.116	0.087	0.145		
pg/ml	1.16	0.872	1.45		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Range					
Analyte	unit	Target	low	high	methods
Free T3 游离 T3	pmol/l	3.02	1.81	4.23	Siemens Centaur CP
	ng/dl	0.196	0.118	0.274	
	pg/ml	1.97	1.18	2.76	
Free T4 游离 T4	pmol/l	9.69	7.27	12.1	Abbott Architect
	ng/dl	0.756	0.567	0.945	
	pg/ml	7.56	5.67	9.45	
	pmol/l	8.04	6.03	10.1	Siemens Centaur XP/XPT/Classic
	ng/dl	0.627	0.470	0.784	
	pg/ml	6.27	4.70	7.84	
	pmol/l	10.7	8.03	13.4	CIS RIA Coated tube
	ng/dl	0.835	0.626	1.04	
	pg/ml	8.35	6.26	10.4	
	pmol/l	11.6	8.70	14.5	Siemens Dimension
	ng/dl	0.905	0.679	1.13	
	pg/ml	9.05	6.79	11.3	
	pmol/l	13.0	9.75	16.3	Siemens Immulite 2000/2500
	ng/dl	1.01	0.761	1.26	
	pg/ml	10.1	7.61	12.6	
	pmol/l	12.8	9.60	16.0	Siemens Immulite 1000
	ng/dl	0.998	0.749	1.25	
	pg/ml	9.98	7.49	12.5	
	pmol/l	10.1	7.58	12.6	Beckman DxI800
	ng/dl	0.788	0.591	0.985	
	pg/ml	7.88	5.91	9.85	
	pmol/l	13.6	10.2	17.0	Roche Elecsys
	ng/dl	1.06	0.796	1.32	
	pg/ml	10.6	7.96	13.2	
	pmol/l	13.1	9.83	16.4	Diasorin Liaison
	ng/dl	1.02	0.767	1.27	
	pg/ml	10.2	7.67	12.7	
pmol/l	12.5	9.38	15.6	Roche Modular E170	
ng/dl	0.975	0.732	1.22		
pg/ml	9.75	7.32	12.2		
pmol/l	10.6	7.95	13.3	Beckman Access	
ng/dl	0.827	0.620	1.03		
pg/ml	8.27	6.20	10.3		
pmol/l	10.1	7.58	12.6	Tosoh Series	
ng/dl	0.788	0.591	0.985		
pg/ml	7.88	5.91	9.85		
pmol/l	23.5	17.6	29.4	Vitros ECi	
ng/dl	1.83	1.37	2.29		
pg/ml	18.3	13.7	22.9		
pmol/l	13.1	9.83	16.4	Roche Cobas 6000/8000	
ng/dl	1.02	0.767	1.27		
pg/ml	10.2	7.67	12.7		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods	
			low	high		
Free T4 游离 T4	pmol/l	12.5	9.38	15.6	Immunotech IRMA	
	ng/dl	0.975	0.732	1.22		
	pg/ml	9.75	7.32	12.2		
	pmol/l	13.9	10.4	17.4	Roche Cobas E411	
		ng/dl	1.08	0.811		1.35
		pg/ml	10.8	8.11		13.5
	pmol/l	11.3	8.48	14.1	Siemens Dimension Vista LOCI	
		ng/dl	0.881	0.661		1.10
		pg/ml	8.81	6.61		11.0
	pmol/l	13.2	9.90	16.5	SNIBE Maglumi Analysers	
		ng/dl	1.03	0.772		1.29
		pg/ml	10.3	7.72		12.9
pmol/l	10.4	7.80	13.0	Biomerieux Vidas FT4N Kit		
	ng/dl	0.811	0.608		1.01	
	pg/ml	8.11	6.08		10.1	
pmol/l	8.82	6.62	11.0	Siemens Centaur CP		
	ng/dl	0.688	0.516		0.860	
	pg/ml	6.88	5.16		8.60	
FSH 卵泡刺激素 (FSH)	mU/ml	8.06	6.45	9.67	Abbott Architect	
	mU/ml	9.30	7.44	11.2	BioMerieux Vidas	
	mU/ml	11.1	7.77	14.4	Siemens Centaur XP/XPT/Classic	
	mU/ml	8.96	7.17	10.8	Siemens Immulite 2000/2500	
	mU/ml	9.39	7.51	11.3	Siemens Immulite 1000	
	mU/ml	9.70	7.76	11.6	Beckman Dxl800	
	mU/ml	9.07	7.26	10.9	Roche/BM Elecsys	
	mU/ml	10.8	8.64	13.0	Diasorin Liaison	
	mU/ml	8.16	6.53	9.79	Roche Modular E170	
	mU/ml	9.51	7.61	11.4	Beckman Access	
	mU/ml	11.1	8.88	13.3	Tosoh Series	
	mU/ml	7.12	5.70	8.54	Vitros ECi	
	mU/ml	9.00	7.20	10.8	Roche Cobas E411	
	mU/ml	8.53	6.82	10.2	Roche Cobas 6000/8000	
	mU/ml	10.1	8.08	12.1	SNIBE Maglumi Analysers	
	mU/ml	7.41	5.93	8.89	Fujirebio Lumipulse G Series	
mU/ml	8.13	5.69	10.6	Siemens Centaur CP		
Gentamicin 庆大霉素	µmol/l	4.17	3.34	5.00	Roche Integra	
	µg/ml	1.99	1.60	2.38		
	µmol/l	4.95	3.56	6.34	Siemens Centaur XP/XPT/Classic	
	µg/ml	2.37	1.71	3.03		
	µmol/l	4.38	3.50	5.26	Siemens Dimension Vista	
	µg/ml	2.09	1.67	2.51		
	µmol/l	3.32	2.66	3.98	Roche Cobas 6000/8000	
	µg/ml	1.59	1.27	1.91		
µmol/l	4.77	3.82	5.72	Beckman DxC		
µg/ml	2.28	1.83	2.73			
µmol/l	4.85	3.88	5.82	Gravimetric		
µg/ml	2.32	1.85	2.78			

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Growth Hormone (GH) 生长激素 (GH)	µU/ml	4.36	3.49	5.23	Siemens Immulite 2000/2500
	ng/ml	1.45	1.16	1.74	
	µU/ml	4.03	3.22	4.84	Siemens Immulite 1000
	ng/ml	1.34	1.07	1.61	
	µU/ml	3.01	2.41	3.61	Beckman Dxl800
	ng/ml	1.00	0.803	1.20	
	µU/ml	3.09	2.47	3.71	Beckman Access
	ng/ml	1.03	0.823	1.24	
	µU/ml	4.07	3.26	4.88	Tosoh Series
	ng/ml	1.36	1.09	1.63	
	µU/ml	3.45	2.76	4.14	Diasorin Liaison
	ng/ml	1.15	0.919	1.38	
	µU/ml	4.54	3.63	5.45	Roche Cobas E411
	ng/ml	1.51	1.21	1.81	
	µU/ml	6.39	5.11	7.67	SNIBE Maglumi Analysers
	ng/ml	2.13	1.70	2.56	
Immunoglobulin E 免疫球蛋白 E	µU/ml	4.45	3.56	5.34	Roche Cobas 6000/8000
	ng/ml	1.48	1.19	1.77	
	µU/ml	3.41	2.73	4.09	IDS iSYS
	ng/ml	1.14	0.909	1.37	
	KIU/l = IU/ml	272	218	326	Abbott Architect
	KIU/l = IU/ml	207	166	248	BioMerieux Vidas
	KIU/l = IU/ml	225	135	315	Siemens Centaur XP/XPT/Classic
	KIU/l = IU/ml	247	198	296	Siemens Immulite 2000/2500
	KIU/l = IU/ml	256	205	307	Siemens Immulite 1000
	KIU/l = IU/ml	271	217	325	Beckman Dxl800
	KIU/l = IU/ml	231	185	277	Roche Elecsys
	KIU/l = IU/ml	220	176	264	Pharmacia Unicap
	KIU/l = IU/ml	233	186	280	Roche Modular E170
	KIU/l = IU/ml	236	189	283	Tosoh Series
	KIU/l = IU/ml	240	192	288	Roche Cobas E411
	KIU/l = IU/ml	237	190	284	Roche Cobas 6000/8000
KIU/l = IU/ml	196	157	235	SNIBE Maglumi Analysers	
KIU/l = IU/ml	201	161	241	Fujirebio Lumipulse G Series	
KIU/l = IU/ml	211	127	295	Siemens Centaur CP	
Insulin 胰岛素	mU/l	1.94	1.46	2.42	Siemens Centaur XP/XPT/Classic
	mU/l	2.29	1.72	2.86	Roche Modular E170
	mU/l	2.59	1.94	3.24	Siemens Immulite 2000
	mU/l	2.19	1.64	2.74	Roche Elecsys
	mU/l	1.26	0.945	1.58	Beckman Access
	mU/l	1.60	1.20	2.00	Abbott Architect
	mU/l	2.36	1.77	2.95	Tosoh Series
	mU/l	2.13	1.60	2.66	Roche Cobas E411
	mU/l	1.25	0.938	1.56	Beckman Dxl 600/800
mU/l	1.46	1.10	1.83	Diasorin Liaison	

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Insulin 胰岛素	mU/l	2.21	1.66	2.76	Roche Cobas 6000/8000
	mU/l	5.27	3.95	6.59	SNIBE Maglumi Analysers
	mU/l	1.70	1.28	2.13	Fujirebio Lumipulse G Series
	mU/l	1.79	1.34	2.24	Siemens Centaur CP
Luteinising Hormone (LH) 促黄体生成素 (LH)	mU/ml	1.79	1.43	2.15	Abbott Architect
	mU/ml	2.55	2.04	3.06	BioMerieux Vidas
	mU/ml	2.38	1.79	2.97	Siemens Centaur XP/XPT/Classic
	mU/ml	5.86	4.69	7.03	Siemens Immulite 2000
	mU/ml	6.27	5.02	7.52	Siemens Immulite 1000
	mU/ml	1.65	1.32	1.98	Beckman DxI800
	mU/ml	3.14	2.51	3.77	Roche Elecsys
	mU/ml	2.84	2.27	3.41	Diasorin Liaison
	mU/ml	3.08	2.46	3.70	Roche Modular E170
	mU/ml	1.69	1.35	2.03	Beckman Access
	mU/ml	2.14	1.71	2.57	Tosoh Series
	mU/ml	4.40	3.52	5.28	Vitros ECi
	mU/ml	3.08	2.46	3.70	Roche Cobas E411
	mU/ml	3.11	2.49	3.73	Roche Cobas 6000/8000
	mU/ml	3.35	2.68	4.02	SNIBE Maglumi Analysers
mU/ml	2.42	1.94	2.90	Fujirebio Lumipulse G Series	
mU/ml	2.19	1.64	2.74	Siemens Centaur CP	
Oestradiol 雌二醇 (E2)	pmol/l	244	195	293	Abbott Architect
	pg/ml	66.4	53.0	79.8	
	pmol/l	232	186	278	BioMerieux Vidas
	pg/ml	63.1	50.6	75.6	
	pmol/l	223	134	312	Siemens Centaur XP/XPT/Classic
	pg/ml	60.7	36.4	85.0	
	pmol/l	168	134	202	Siemens Immulite 2000/2500
	pg/ml	45.7	36.4	55.0	
	pmol/l	163	130	196	Siemens Immulite 1000
	pg/ml	44.3	35.4	53.2	
	pmol/l	185	148	222	Roche Elecsys (Estradiol II)
	pg/ml	50.3	40.3	60.3	
	pmol/l	140	112	168	Vitros ECi
	pg/ml	38.1	30.5	45.7	
	pmol/l	203	162	244	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	55.2	44.1	66.3	
	pmol/l	192	154	230	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	52.2	41.9	62.5	
pmol/l	226	136	316	Siemens Centaur XP/XPT/Classic Enhanced (eE2)	
pg/ml	61.5	36.9	86.1		
pmol/l	210	126	294	Siemens Centaur XP/XPT/Classic E26 III	
pg/ml	57.1	34.3	79.9		
pmol/l	185	148	222	SNIBE Maglumi Analysers	
pg/ml	50.3	40.3	60.3		
pmol/l	254	152	356	Siemens Centaur CP	
pg/ml	69.1	41.5	96.7		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Oestradiol 雌二醇 (E2)	pmol/l	223	134	312	Siemens Centaur CP Enhanced (eE2)
	pg/ml	60.7	36.4	85.0	
	pmol/l	226	181	271	Fujirebio Lumipulse G Series
	pg/ml	61.5	49.2	73.8	
	pmol/l	203	162	244	Roche Cobas 6000/8000 (Estradiol III)
	pg/ml	55.2	44.1	66.3	
	pmol/l	187	150	224	Roche Elecsys (Estradiol III)
	pg/ml	50.9	40.8	61.0	
Paracetamol 扑热息痛	pmol/l	185	148	222	Roche Cobas 4000/E411 (Estradiol III)
	pg/ml	50.3	40.3	60.3	
	pmol/l	211	169	253	Roche Modular E170 (Estradiol III)
	pg/ml	57.4	46.0	68.8	
	mmol/l	0.150	0.120	0.180	Roche Integra
	mg/l	22.7	18.2	27.2	
	mmol/l	0.161	0.129	0.193	Abbott Architect
	mg/l	24.4	19.5	29.3	
Phenobarbital 苯巴比妥	mmol/l	0.132	0.106	0.158	Roche Cobas 6000/8000
	mg/l	20.0	16.0	24.0	
	mmol/l	0.166	0.130	0.200	Gravimetric
	mg/l	25.1	19.7	30.3	
	µmol/l	35.6	28.5	42.7	Abbott Architect
	µg/ml	8.26	6.61	9.91	
	µmol/l	32.9	26.3	39.5	Roche Cobas 6000/8000
	µg/ml	7.63	6.10	9.16	
	µmol/l	36.3	29.0	43.6	Siemens Immulite 2000/2500
	µg/ml	8.42	6.73	10.1	
	µmol/l	32.9	26.3	39.5	Beckman AU400/600/640/2700/5400
	µg/ml	7.63	6.10	9.16	
	µmol/l	42.5	29.8	55.2	Siemens Centaur XP/XPT/Classic
	µg/ml	9.86	6.90	12.8	
	µmol/l	34.2	27.4	41.0	Roche Integra
	µg/ml	7.93	6.36	9.50	
µmol/l	37.3	29.8	44.8	Siemens Immulite 1000	
µg/ml	8.65	6.91	10.4		
µmol/l	28.4	22.7	34.1	Roche Cobas E411	
µg/ml	6.59	5.27	7.91		
µmol/l	32.1	25.7	38.5	Beckman DxC	
µg/ml	7.45	5.96	8.94		
µmol/l	34.5	27.6	41.4	Gravimetric	
µg/ml	8.00	6.40	9.60		
Phenytoin 苯妥英钠	µmol/l	19.3	15.4	23.2	Abbott Architect
	µg/ml	4.87	3.89	5.85	
	µmol/l	18.4	13.8	23.0	Siemens Centaur XP/XPT/Classic
	µg/ml	4.65	3.49	5.81	
	µmol/l	17.8	14.2	21.4	Siemens Dimension
	µg/ml	4.49	3.59	5.39	

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Phenytoin 苯妥英钠	µmol/l	18.7	15.0	22.4	Siemens Immulite 2000/2500
	µg/ml	4.72	3.79	5.65	
	µmol/l	19.2	15.4	23.0	Siemens Immulite 1000
	µg/ml	4.85	3.89	5.81	
	µmol/l	18.8	15.0	22.6	Roche Integra
	µg/ml	4.75	3.79	5.71	
	µmol/l	15.4	12.3	18.5	Vitros
	µg/ml	3.89	3.11	4.67	
	µmol/l	18.6	14.9	22.3	Roche Cobas E411
	µg/ml	4.70	3.76	5.64	
	µmol/l	18.5	14.8	22.2	Roche Cobas 6000/8000
	µg/ml	4.67	3.74	5.60	
µmol/l	19.0	15.2	22.8	Beckman DxC	
µg/ml	4.80	3.84	5.76		
µmol/l	20.2	16.2	24.2	Gravimetric	
µg/ml	5.10	4.09	6.11		
Primidone 扑米酮	µmol/l	12.3	9.84	14.8	Gravimetric
	µg/ml	2.69	2.15	3.23	
Progesterone 孕酮	nmol/l	3.28	2.62	3.94	Abbott Architect
	ng/ml	1.03	0.820	1.24	
	nmol/l	4.60	3.68	5.52	BioMerieux Vidas
	ng/ml	1.44	1.15	1.73	
	nmol/l	2.47	1.36	3.58	Siemens Centaur XP/XPT/Classic
	ng/ml	0.773	0.425	1.12	
	nmol/l	3.60	2.88	4.32	Siemens Immulite 2000/2500
	ng/ml	1.13	0.901	1.36	
	nmol/l	3.61	2.89	4.33	Siemens Immulite 1000
	ng/ml	1.13	0.905	1.36	
	nmol/l	3.49	2.79	4.19	Beckman Dxl Prog Cal 33555
	ng/ml	1.09	0.873	1.31	
	nmol/l	3.39	2.71	4.07	Roche Elecsys (Prog. II)
	ng/ml	1.06	0.848	1.27	
	nmol/l	3.50	2.80	4.20	Beckman Access Prog Cal 33555
	ng/ml	1.10	0.876	1.32	
	nmol/l	2.64	2.11	3.17	Tosoh Series
	ng/ml	0.826	0.660	0.992	
	nmol/l	3.09	2.47	3.71	Vitros ECi
	ng/ml	0.967	0.773	1.16	
nmol/l	3.42	2.74	4.10	Roche Cobas 4000/e411 (Prog. II)	
ng/ml	1.07	0.858	1.28		
nmol/l	3.62	2.90	4.34	Roche Cobas 6000/8000 (Prog. II)	
ng/ml	1.13	0.908	1.35		
nmol/l	2.88	2.30	3.46	Diasorin Liaison	
ng/ml	0.901	0.720	1.08		
nmol/l	1.92	1.54	2.30	SNIBE Maglumi Analysers	
ng/ml	0.601	0.482	0.720		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods	
			low	high		
Progesterone 孕酮	nmol/l	3.26	2.61	3.91	Beckman Dxl Prog DE Cal A80773	
	ng/ml	1.02	0.817	1.22		
	nmol/l	2.79	1.53	4.05	Siemens Centaur CP	
	ng/ml	0.873	0.480	1.27		
	nmol/l	3.55	2.84	4.26	Roche Cobas 6000/8000 (Prog. III)	
	ng/ml	1.11	0.889	1.33		
	nmol/l	3.22	2.58	3.86	Roche Elecsys (Prog. III)	
	ng/ml	1.01	0.808	1.21		
	nmol/l	3.47	2.78	4.16	Roche Cobas 4000/e411 (Prog. III)	
	ng/ml	1.09	0.870	1.31		
	nmol/l	3.69	2.95	4.43	Roche Modular E170 (Prog. III)	
	ng/ml	1.15	0.923	1.38		
	Prolactin 催乳素	µU/ml	162	130	194	Abbott Architect
		µU/ml	161	129	193	BioMerieux Vidas
µU/ml		150	105	195	Siemens Centaur XP/XPT/Classic	
µU/ml		145	116	174	Siemens Immulite 2000/2500	
µU/ml		163	130	196	Siemens Immulite 1000	
µU/ml		145	116	174	Beckman Dxl800	
µU/ml		162	130	194	Roche Elecsys	
µU/ml		172	138	206	Diasorin Liaison	
µU/ml		153	122	184	Roche Modular E170	
µU/ml		148	118	178	Beckman Access	
µU/ml		177	142	212	Tosoh Series	
µU/ml		184	147	221	Vitros ECi	
µU/ml		155	124	186	Roche Elecsys/E170/Cobas 6000/8000 PRLII	
µU/ml		175	140	210	Immunotech IRMA	
µU/ml		160	128	192	Roche Cobas E411	
µU/ml		155	124	186	Roche Cobas 6000/8000	
µU/ml		179	143	215	SNIBE Maglumi Analysers	
µU/ml		187	150	224	Fujirebio Lumipulse G Series	
µU/ml	160	128	192	Abbott Architect restandardised		
µU/ml	141	98.7	183	Siemens Centaur CP		
PSA Free FPSA (游离)	ng/ml = µg/l	1.40	1.05	1.75	Abbott Architect	
	ng/ml = µg/l	1.82	1.37	2.28	BioMerieux Vidas	
	ng/ml = µg/l	1.72	1.29	2.15	Siemens Centaur XP/XPT/Classic	
	ng/ml = µg/l	1.12	0.840	1.40	Siemens Dimension	
	ng/ml = µg/l	1.44	1.08	1.80	Siemens Immulite 2000/2500	
	ng/ml = µg/l	1.27	0.953	1.59	Siemens Immulite 1000	
	ng/ml = µg/l	2.00	1.50	2.50	Beckman DXI standardised to Hybritech	
	ng/ml = µg/l	1.50	1.13	1.88	Roche Elecsys	
	ng/ml = µg/l	0.409	0.307	0.511	Diasorin Liaison	
	ng/ml = µg/l	1.51	1.13	1.89	Roche Modular E170	
	ng/ml = µg/l	2.09	1.57	2.61	Beckman Access standardised to Hybritech	
	ng/ml = µg/l	1.42	1.07	1.78	Tosoh Series	
	ng/ml = µg/l	1.53	1.15	1.91	Roche Cobas E411	

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Range					
Analyte	unit	Target	low	high	methods
PSA Free FPSA (游离)	ng/ml = µg/l	1.50	1.13	1.88	Roche Cobas 6000/8000
	ng/ml = µg/l	1.64	1.23	2.05	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	1.19	0.893	1.49	SNIBE Maglumi Analysers
	ng/ml = µg/l	1.34	1.01	1.68	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = µg/l	1.12	0.840	1.40	Fujirebio Lumipulse G Series
PSA Total TPSA (总)	ng/ml = µg/l	1.62	1.22	2.03	Abbott Architect
	ng/ml = µg/l	1.89	1.42	2.36	BioMerieux Vidas
	ng/ml = µg/l	1.96	1.47	2.45	bioMerieux VIDAS TPSA
	ng/ml = µg/l	1.65	1.24	2.06	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	1.57	1.18	1.96	Siemens Immulite 2000/2500 1st generation
	ng/ml = µg/l	1.66	1.25	2.08	Siemens Immulite 2000/2500 3rd generation
	ng/ml = µg/l	1.55	1.16	1.94	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	1.67	1.25	2.09	Beckman Dxl standardisd to Hybritech
	ng/ml = µg/l	1.48	1.11	1.85	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	1.88	1.41	2.35	Roche Elecsys
	ng/ml = µg/l	0.441	0.331	0.551	Diasorin Liaison
	ng/ml = µg/l	1.95	1.46	2.44	Roche Modular E170
	ng/ml = µg/l	1.72	1.29	2.15	Beckman Access standardised to Hybritech
	ng/ml = µg/l	1.61	1.21	2.01	Beckman Access standardised to WHO IRP96/670
	ng/ml = µg/l	1.09	0.818	1.36	Tosoh Series
	ng/ml = µg/l	1.87	1.40	2.34	Vitros ECi
	ng/ml = µg/l	1.96	1.47	2.45	CIS RIA Coated tube
	ng/ml = µg/l	1.95	1.46	2.44	Roche Cobas E411
	ng/ml = µg/l	2.01	1.51	2.51	Roche Cobas 6000/8000
	ng/ml = µg/l	2.31	1.73	2.89	SNIBE Maglumi Analysers
ng/ml = µg/l	1.37	1.03	1.71	Fujirebio Lumipulse G Series	
ng/ml = µg/l	1.90	1.43	2.38	Ortho Vitros 3600/5600/ECi PSA II	
ng/ml = µg/l	1.57	1.18	1.96	Siemens Centaur CP	
Salicylic Acid 水杨酸	mmol/l	0.362	0.290	0.434	Abbott Architect
	mg/dl	5.00	4.01	5.99	
	mmol/l	0.286	0.230	0.340	Gravimetric
	mg/dl	3.95	3.18	4.70	
SHBG 性激素结合球蛋白	nmol/l	12.0	9.60	14.4	Siemens Centaur XP/XPT/Classic
	nmol/l	11.0	8.80	13.2	Siemens Immulite 1000
	nmol/l	11.1	8.88	13.3	Siemens Immulite 2000/2500
	nmol/l	12.4	9.92	14.9	Roche Elecsys
	nmol/l	11.9	9.52	14.3	Roche Modular E170
	nmol/l	10.7	8.56	12.8	Abbott Architect
	nmol/l	12.0	9.60	14.4	Roche Cobas E411
	nmol/l	11.9	9.52	14.3	Roche Cobas 6000/8000
	nmol/l	11.2	8.96	13.4	Beckman Dxl800
	nmol/l	11.9	9.52	14.3	SNIBE Maglumi Analysers
T Uptake 甲状腺素结合力	%U	33.4	27.4	39.4	Siemens Immulite 2000
Testosterone 睾酮	nmol/l	1.74	1.39	2.09	Abbott Architect
	ng/ml	0.501	0.400	0.602	
	ng/dl	50.1	40.0	60.2	

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Testosterone 睾酮	nmol/l	1.03	0.824	1.24	BioMerieux Vidas
	ng/ml	0.297	0.237	0.357	
	ng/dl	29.7	23.7	35.7	
	nmol/l	1.53	1.22	1.84	CIS RIA Coated tube
	ng/ml	0.441	0.351	0.531	
	ng/dl	44.1	35.1	53.1	
	nmol/l	1.20	0.960	1.44	Siemens Immulite 2000/2500
	ng/ml	0.346	0.276	0.416	
	ng/dl	34.6	27.6	41.6	
	nmol/l	1.37	1.10	1.64	Siemens Immulite 1000
	ng/ml	0.395	0.317	0.473	
	ng/dl	39.5	31.7	47.3	
	nmol/l	1.61	1.29	1.93	Beckman Dxl800
	ng/ml	0.464	0.372	0.556	
	ng/dl	46.4	37.2	55.6	
	nmol/l	1.68	1.34	2.02	Beckman Access
	ng/ml	0.484	0.386	0.582	
	ng/dl	48.4	38.6	58.2	
	nmol/l	1.12	0.896	1.34	Vitros Eci
	ng/ml	0.323	0.258	0.388	
	ng/dl	32.3	25.8	38.8	
	nmol/l	1.77	1.42	2.12	Roche Cobas 6000 Test 2
	ng/ml	0.510	0.409	0.611	
	ng/dl	51.0	40.9	61.1	
nmol/l	1.73	1.38	2.08	Roche Elecsys Test II	
ng/ml	0.498	0.397	0.599		
ng/dl	49.8	39.7	59.9		
nmol/l	1.80	1.44	2.16	Roche Modular E170 Test II	
ng/ml	0.518	0.415	0.621		
ng/dl	51.8	41.5	62.1		
nmol/l	1.81	1.45	2.17	Roche Cobas 4000/e411 Test II	
ng/ml	0.521	0.418	0.624		
ng/dl	52.1	41.8	62.4		
nmol/l	1.81	1.45	2.17	Abbott Architect 2nd Generation	
ng/ml	0.521	0.418	0.624		
ng/dl	52.1	41.8	62.4		
nmol/l	1.92	1.25	2.59	Siemens Centaur CP	
ng/ml	0.553	0.359	0.747		
ng/dl	55.3	35.9	74.7		
nmol/l	1.07	0.856	1.28	BioMerieux Vidas Testosterone II	
ng/ml	0.308	0.247	0.369		
ng/dl	30.8	24.7	36.9		
nmol/l	1.54	1.00	2.08	Siemens Centaur TST II	
ng/ml	0.444	0.289	0.599		
ng/dl	44.4	28.9	59.9		
Theophylline 茶碱	µmol/l	33.2	23.2	43.2	Siemens Centaur XP/XPT/Classic
	µg/ml	5.98	4.19	7.77	

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Theophylline 茶碱	µmol/l	24.2	19.4	29.0	Siemens Dimension
	µg/ml	4.36	3.50	5.22	
	µmol/l	28.3	22.6	34.0	Roche Integra
	µg/ml	5.10	4.07	6.13	
	µmol/l	25.2	20.2	30.2	Abbott Architect
	µg/ml	4.54	3.64	5.44	
	µmol/l	26.6	21.3	31.9	Roche Cobas 6000/8000
	µg/ml	4.79	3.84	5.74	
	µmol/l	23.3	18.6	28.0	Beckman DxC
	µg/ml	4.20	3.35	5.05	
	µmol/l	22.1	17.7	26.5	Beckman AU400/600/640/2700/5400
	µg/ml	3.98	3.19	4.77	
	µmol/l	28.3	22.6	34.0	Gravimetric
	µg/ml	5.10	4.07	6.13	
Thyroglobulin 甲状腺球蛋白	ng/ml	2.93	2.20	3.66	Roche Elecsys
	ng/ml	2.12	1.59	2.65	Beckman Dxl800
	ng/ml	3.07	2.30	3.84	Roche Cobas E411
	ng/ml	2.98	2.24	3.73	Roche Cobas 6000/8000
	ng/ml	2.21	1.66	2.76	Beckman Access
	ng/ml	1.32	0.990	1.65	SNIBE Maglumi Analysers
	ng/ml	3.24	2.43	4.05	Tosoh Series
	ng/ml	2.92	2.19	3.65	Roche Cobas 6000 TGII
	ng/ml	2.95	2.21	3.69	Roche Elecsys TGII
	ng/ml	2.99	2.24	3.74	Roche Cobas 4000/E411 TGII
	ng/ml	2.91	2.18	3.64	Roche Modular E170 TGII
Thyroid Stimulating Hormone 促甲状腺素	µU/ml = mIU/l	0.126	0.101	0.151	Abbott Architect
	µU/ml = mIU/l	0.097	0.078	0.116	bioMerieux VIDAS TSH
	µU/ml = mIU/l	0.093	0.074	0.112	bioMerieux VIDAS TSH3 Ultrasensitive
	µU/ml = mIU/l	0.127	0.086	0.168	Siemens Centaur XP/XPT/Classic
	µU/ml = mIU/l	0.122	0.083	0.161	Siemens Centaur XP/XPT/Classic 3rd Generation
	µU/ml = mIU/l	0.133	0.106	0.160	Siemens Immulite 2000/2500
	µU/ml = mIU/l	0.145	0.116	0.174	Siemens Immulite 1000
	µU/ml = mIU/l	0.115	0.092	0.138	Beckman Dxl800 Fast TSH
	µU/ml = mIU/l	0.110	0.088	0.132	Beckman Dxl800
	µU/ml = mIU/l	0.167	0.134	0.200	Roche Elecsys
	µU/ml = mIU/l	0.168	0.134	0.202	Diasorin Liaison
	µU/ml = mIU/l	0.170	0.136	0.204	Roche Modular E170
	µU/ml = mIU/l	0.112	0.090	0.134	Beckman Access Fast TSH
	µU/ml = mIU/l	0.115	0.092	0.138	Beckman Access hyperTSH 3rd Generation
	µU/ml = mIU/l	0.186	0.149	0.223	Tosoh Series
	µU/ml = mIU/l	0.248	0.198	0.298	Vitros ECi
	µU/ml = mIU/l	0.165	0.132	0.198	Roche Cobas E411
	µU/ml = mIU/l	0.167	0.134	0.200	Roche Cobas 6000/8000
	µU/ml = mIU/l	0.113	0.090	0.136	Beckman Dxl800 Hyper TSH
	µU/ml = mIU/l	0.121	0.097	0.145	Siemens Dimension Vista LOCI

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Range					
Analyte	unit	Target	low	high	methods
Thyroid Stimulating Hormone 促甲状腺素	µU/ml = mIU/l	0.182	0.146	0.218	SNIBE Maglumi Analysers
	µU/ml = mIU/l	0.128	0.087	0.169	Siemens Centaur XP/XPT/Classic TSH3-Ultra
	µU/ml = mIU/l	0.130	0.088	0.172	Siemens Centaur CP
	µU/ml = mIU/l	0.127	0.086	0.168	Siemens Centaur CP TSH3-Ultra
	µU/ml = mIU/l	0.111	0.089	0.133	Beckman Dxl 600/800 Access (3rd IS)
Tobramycin 妥布霉素	µmol/l	4.17	3.34	5.00	Gravimetric
	µg/ml	1.95	1.56	2.34	
Total Beta hCG 总 β-hCG	mU/ml=IU/l	5.29	4.23	6.35	Abbott Architect
	IU/ml	0.005	0.004	0.006	
	mU/ml=IU/l	9.81	7.85	11.8	BioMerieux Vidas
	IU/ml	0.010	0.008	0.012	
	mU/ml=IU/l	10.0	6.00	14.0	Siemens Centaur XP/XPT/Classic
	IU/ml	0.010	0.006	0.014	
	mU/ml=IU/l	9.94	7.95	11.9	Siemens Dimension
	IU/ml	0.010	0.008	0.012	
	mU/ml=IU/l	12.8	10.2	15.4	Siemens Immulite 2000
	IU/ml	0.013	0.010	0.016	
	mU/ml=IU/l	12.8	10.2	15.4	Siemens Immulite 1000
	IU/ml	0.013	0.010	0.016	
	mU/ml=IU/l	5.94	4.75	7.13	Beckman Dxl800
	IU/ml	0.006	0.005	0.007	
	mU/ml=IU/l	4.38	3.50	5.26	Diasorin Liaison
	IU/ml	0.004	0.004	0.004	
	mU/ml=IU/l	5.55	4.44	6.66	Roche Cobas Core EIA
	IU/ml	0.006	0.004	0.008	
	mU/ml=IU/l	5.85	4.68	7.02	Beckman Access
	IU/ml	0.006	0.005	0.007	
	mU/ml=IU/l	9.95	7.96	11.9	Tosoh Series
	IU/ml	0.010	0.008	0.012	
	mU/ml=IU/l	11.3	9.04	13.6	Vitros ECi
	IU/ml	0.011	0.009	0.013	
	mU/ml=IU/l	7.14	5.71	8.57	Roche STAT (Intact)
	IU/ml	0.007	0.006	0.008	
	mU/ml=IU/l	5.68	4.54	6.82	Roche hCG+Beta
IU/ml	0.006	0.005	0.007		
mU/ml=IU/l	6.62	5.30	7.94	SNIBE Maglumi Analysers	
IU/ml	0.007	0.005	0.009		
mU/ml=IU/l	4.34	3.47	5.21	Fujirebio Lumipulse G Series	
IU/ml	0.004	0.003	0.005		
mU/ml=IU/l	5.93	4.74	7.12	Beckman Access Total BhCG (5th IS)	
IU/ml	0.006	0.005	0.007		
mU/ml=IU/l	5.92	4.74	7.10	Beckman Dxl Total BhCG (5th IS)	
IU/ml	0.006	0.005	0.007		
mU/ml=IU/l	7.46	4.48	10.4	Siemens Centaur CP	
IU/ml	0.007	0.004	0.010		
Total T3 总 T3	nmol/l	0.655	0.491	0.819	Abbott Architect
	ng/ml	0.426	0.320	0.532	
	ng/dl	42.6	32.0	53.2	

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Total T3 总 T3	nmol/l	0.617	0.463	0.771	Siemens Immulite 2000/2500
	ng/ml	0.402	0.301	0.503	
	ng/dl	40.2	30.1	50.3	
	nmol/l	0.616	0.462	0.770	Siemens Immulite 1000
	ng/ml	0.401	0.301	0.501	
	ng/dl	40.1	30.1	50.1	
	nmol/l	0.711	0.533	0.889	Beckman DxI800
	ng/ml	0.463	0.347	0.579	
	ng/dl	46.3	34.7	57.9	
	nmol/l	1.18	0.885	1.48	Roche Elecsys
	ng/ml	0.768	0.576	0.960	
	ng/dl	76.8	57.6	96.0	
	nmol/l	0.731	0.548	0.914	Diasorin Liaison
	ng/ml	0.476	0.357	0.595	
	ng/dl	47.6	35.7	59.5	
	nmol/l	0.788	0.591	0.985	Beckman Access
	ng/ml	0.513	0.385	0.641	
	ng/dl	51.3	38.5	64.1	
	nmol/l	0.422	0.317	0.528	Tosoh Series
	ng/ml	0.275	0.206	0.344	
ng/dl	27.5	20.6	34.4		
nmol/l	0.737	0.553	0.921	Vitros ECi	
ng/ml	0.480	0.360	0.600		
ng/dl	48.0	36.0	60.0		
nmol/l	0.496	0.372	0.620	CIS RIA Coated tube	
ng/ml	0.323	0.242	0.404		
ng/dl	32.3	24.2	40.4		
nmol/l	1.22	0.915	1.53	Roche Cobas E411	
ng/ml	0.794	0.596	0.992		
ng/dl	79.4	59.6	99.2		
nmol/l	1.08	0.810	1.35	Roche Cobas 6000/8000	
ng/ml	0.703	0.527	0.879		
ng/dl	70.3	52.7	87.9		
nmol/l	0.390	0.293	0.488	SNIBE Maglumi Analysers	
ng/ml	0.254	0.191	0.317		
ng/dl	25.4	19.1	31.7		
nmol/l	0.521	0.391	0.651	Siemens Centaur CP	
ng/ml	0.339	0.254	0.424		
ng/dl	33.9	25.4	42.4		
Total T4 总 T4	nmol/l	34.8	26.1	43.5	Abbott Architect
	µg/dl	2.71	2.04	3.38	
	ng/ml	27.1	20.4	33.8	
	nmol/l	32.5	24.4	40.6	BioMerieux Vidas
	µg/dl	2.54	1.90	3.18	
ng/ml	25.4	19.0	31.8		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods
			low	high	
Total T4 总 T4	nmol/l	23.2	16.2	30.2	Siemens Centaur XP/XPT/Classic
	µg/dl	1.81	1.27	2.35	
	ng/ml	18.1	12.7	23.5	
	nmol/l	22.7	17.0	28.4	Siemens Immulite 2000/2500
	µg/dl	1.77	1.33	2.21	
	ng/ml	17.7	13.3	22.1	
	nmol/l	25.0	18.8	31.3	Siemens Immulite 1000
	µg/dl	1.95	1.47	2.43	
	ng/ml	19.5	14.7	24.3	
	nmol/l	36.2	27.2	45.3	Roche Elecsys
	µg/dl	2.82	2.12	3.52	
	ng/ml	28.2	21.2	35.2	
	nmol/l	28.3	21.2	35.4	Diasorin Liaison
	µg/dl	2.21	1.65	2.77	
	ng/ml	22.1	16.5	27.7	
	nmol/l	23.3	17.5	29.1	Beckman Access
	µg/dl	1.82	1.37	2.27	
	ng/ml	18.2	13.7	22.7	
	nmol/l	24.4	18.3	30.5	Tosoh Series
	µg/dl	1.90	1.43	2.37	
	ng/ml	19.0	14.3	23.7	
	nmol/l	27.8	20.9	34.8	Vitros ECi
	µg/dl	2.17	1.63	2.71	
	ng/ml	21.7	16.3	27.1	
nmol/l	29.0	21.8	36.3	CIS RIA Coated tube	
µg/dl	2.26	1.70	2.82		
ng/ml	22.6	17.0	28.2		
nmol/l	36.0	27.0	45.0	Roche Cobas E411	
µg/dl	2.81	2.11	3.51		
ng/ml	28.1	21.1	35.1		
nmol/l	34.1	25.6	42.6	Roche Cobas 6000/8000	
µg/dl	2.66	2.00	3.32		
ng/ml	26.6	20.0	33.2		
nmol/l	29.2	21.9	36.5	Immunotech IRMA	
µg/dl	2.28	1.71	2.85		
ng/ml	22.8	17.1	28.5		
nmol/l	32.9	24.7	41.1	SNIBE Maglumi Analysers	
µg/dl	2.57	1.93	3.21		
ng/ml	25.7	19.3	32.1		
Valproic Acid 丙戊酸	µmol/l	222	178	266	Abbott Architect
	µg/ml	32.0	25.7	38.3	
	µmol/l	235	165	305	Siemens Centaur XP/XPT/Classic
	µg/ml	33.9	23.7	44.1	
	µmol/l	207	166	248	Siemens Dimension
µg/ml	29.9	24.0	35.8		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Analyte	unit	Target	Range		methods	
			low	high		
Valproic Acid 丙戊酸	µmol/l	186	149	223	Siemens Immulite 2000/2500	
	µg/ml	26.8	21.5	32.1		
	µmol/l	195	156	234	Siemens Immulite 1000	
	µg/ml	28.1	22.5	33.7		
	µmol/l	197	158	236	Roche Integra	
	µg/ml	28.4	22.8	34.0		
	µmol/l	169	135	203	Vitros	
	µg/ml	24.4	19.5	29.3		
	µmol/l	205	164	246	Roche Cobas E411	
	µg/ml	29.6	23.7	35.5		
	µmol/l	198	158	238	Roche Cobas 6000/8000	
	µg/ml	28.6	22.8	34.4		
	µmol/l	151	121	181	Beckman DxC	
	µg/ml	21.8	17.5	26.1		
	µmol/l	208	166	250	Beckman AU400/600/640/2700/5400	
	µg/ml	30.0	24.0	36.0		
Vancomycin 万古霉素	µmol/l	3.94	3.15	4.73	Roche Integra	
	µg/ml	5.85	4.68	7.02		
	µmol/l	3.20	2.56	3.84	Abbott Architect	
	µg/ml	4.75	3.80	5.70		
	µmol/l	2.35	1.76	2.94	Siemens Centaur XP/XPT/Classic	
	µg/ml	3.49	2.62	4.36		
	µmol/l	2.85	2.28	3.42	Siemens Dimension	
	µg/ml	4.23	3.39	5.07		
	µmol/l	3.35	2.68	4.02	Roche Cobas 6000/8000	
	µg/ml	4.98	3.98	5.98		
	µmol/l	3.43	2.74	4.12	Gravimetric	
	µg/ml	5.10	4.07	6.12		
	Vitamin B12 维生素 B12	pmol/l	138	110	166	Abbott Architect
		pg/ml	187	149	225	
		pmol/l	124	86.8	161	Siemens Centaur XP/XPT/Classic
		pg/ml	168	118	218	
pmol/l		87.5	70.0	105	Beckman Dxl800	
pg/ml		119	94.9	143		
pmol/l		138	110	166	Roche Modular E170	
pg/ml		187	149	225		
pmol/l		92.3	73.8	111	Beckman Access	
pg/ml		125	100	150		
pmol/l		134	107	161	Tosoh Series	
pg/ml		182	145	219		
pmol/l		144	115	173	Vitros ECI	
pg/ml		195	156	234		

IMMUNOASSAY PREMIUM PLUS LEVEL 1 (IA PREMIUM PLUS 1)

Cat. No. IA3109 / IA3112 Lot. No. 1810EC Size: 12 x 5ml / 4 x 5ml Expiry: 2021-05-28

Range					
Analyte	unit	Target	low	high	methods
Vitamin B12 维生素 B12	pmol/l	121	96.8	145	MP Biomedicals RIA
	pg/ml	164	131	197	
	pmol/l	167	134	200	Roche Cobas E411
	pg/ml	226	182	270	
	pmol/l	132	106	158	Roche Cobas 6000/8000
	pg/ml	179	144	214	
	pmol/l	114	91.2	137	Siemens Dimension
	pg/ml	154	124	184	
	pmol/l	158	126	190	SNIBE Maglumi Analysers
	pg/ml	214	171	257	
	pmol/l	117	81.9	152	Siemens Centaur CP
	pg/ml	159	111	207	