

免疫质控品

货号: IA3109

批号: 1937EC

包装: 12 x 5 ml

效期: 2022-12

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。

保存和稳定性

开瓶后，2~8℃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℃保存 7 天，并可在-20℃保存 4 周，只能冻融一次。C 肽在 2~8℃可稳定 1 天。甲状腺球蛋白(TG)复溶后如果 2~8℃保存，要在 4 小时内检测；若-20℃保存，则须在 2 周内检测。促肾上腺皮质激素(ACTH)如果 2~8℃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。不提供游离睾酮、1,25-(OH)₂-维生素 D 的稳定性说明。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℃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℃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。

需要自备的材料

移液管 蒸馏水

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±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。该质控品还可用于甲状旁腺素(PTH)项目，但没有提供靶值或稳定性声明。

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。

免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
17-羟基孕酮	nmol/l	2.46	1.85	3.08	Immunotech RIA		
	ng/ml	0.814	0.612	1.02			
	nmol/l	2.19	1.64	2.74	DRG ELISA		
	ng/ml	0.725	0.543	0.907			
	nmol/l	3.85	2.89	4.81	DIAsource RIA		
	ng/ml	1.27	0.957	1.58			
	nmol/l	2.07	1.55	2.59	IBL 酶联免疫吸附法（ELISA）		
	ng/ml	0.685	0.513	0.857			
	nmol/l	2.73	2.05	3.41	LC/MS		
	ng/ml	0.904	0.679	1.13			
25-OH 维生素D	nmol/l	40.7	30.5	50.9	Diasorin Liaison		
	nmol/l	41.1	30.8	51.4	Siemens Centaur XP/XPT/Classic		
	nmol/l	22.0	16.5	27.5	Roche Vitamin D Total		
	nmol/l	22.8	17.1	28.5	Abbott Architect		
	nmol/l	112	84.0	140	Vitros Eci		
	nmol/l	22.1	16.6	27.6	Tosoh Series		
	nmol/l	27.7	20.8	34.6	BioMerieux Vidas		
	nmol/l	38.7	29.0	48.4	Beckman Dxl 600/800		
	nmol/l	18.3	13.7	22.9	Fujirebio Lumipulse G Series		
	nmol/l	40.6	30.5	50.8	Beckman Access 25 OH Vitamin D Total		
	nmol/l	22.7	17.0	28.4	Abbott Architect (5P02)/ Alinity (8P45)		
	nmol/l	41.8	31.4	52.3	Diasorin Liaison XL		
	nmol/l	22.7	17.0	28.4	Roche Vitamin D Total II		
	nmol/l	27.6	20.7	34.5	Siemens Atellica IM		
促肾上腺皮质激素ACTH	pmol/l	1.10	0.825	1.38	Siemens Immulite 2000/2500		
	pg/ml	5.00	3.75	6.25			
	pmol/l	0.757	0.568	0.946	Roche Cobas E411		
	pg/ml	3.44	2.58	4.30			
	pmol/l	6.98	5.24	8.73	CIS IRMA		
	pg/ml	31.7	23.8	39.6			
甲胎蛋白（AFP）	KIU/l = IU/ml	8.56	6.85	10.3	Abbott AFP-EIA		
	ng/ml	10.4	8.29	12.5			
	KIU/l = IU/ml	8.56	6.85	10.3	Abbott Architect		
	ng/ml	10.4	8.29	12.5			
	KIU/l = IU/ml	8.06	6.45	9.67	BioMerieux Vidas		
	ng/ml	9.75	7.80	11.7			
	KIU/l = IU/ml	10.3	8.14	12.5	Siemens Centaur XP/XPT/Classic		
	ng/ml	12.5	9.88	15.1			
	KIU/l = IU/ml	8.90	7.12	10.7	Siemens Immulite 2000/2500		
	ng/ml	10.8	8.62	13.0			
	KIU/l = IU/ml	9.00	7.20	10.8	Siemens Immulite 1000		
	ng/ml	10.9	8.71	13.1			



免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28					
范围					
分析物	单位	靶值	低值	高值	方法学
甲胎蛋白（AFP）	KIU/l = IU/ml	8.76	7.01	10.5	Beckman Dxl800
	ng/ml	10.6	8.48	12.7	
	KIU/l = IU/ml	9.42	7.54	11.3	罗氏电化学发光法Roche Elecsys
	ng/ml	11.4	9.12	13.7	
	KIU/l = IU/ml	10.2	8.16	12.2	Diasorin Liaison
	ng/ml	12.3	9.87	14.7	
	KIU/l = IU/ml	8.83	7.06	10.6	Beckman Access
	ng/ml	10.7	8.54	12.9	
	KIU/l = IU/ml	9.10	7.28	10.9	Tosoh Series
	ng/ml	11.0	8.81	13.2	
	KIU/l = IU/ml	9.38	7.50	11.3	Vitros ECI
	ng/ml	9.76	7.81	11.7	
	KIU/l = IU/ml	9.53	7.62	11.4	Roche Cobas 6000/8000
	ng/ml	11.5	9.22	13.8	
	KIU/l = IU/ml	18.0	14.4	21.6	CIS IRMA
	ng/ml	21.8	17.4	26.2	
丁胺卡那霉素	KIU/l = IU/ml	9.43	7.54	11.3	Roche Cobas E411
	ng/ml	11.4	9.12	13.7	
	KIU/l = IU/ml	8.80	7.04	10.6	Fujirebio Lumipulse G Series
	ng/ml	10.6	8.52	12.7	
雄烯二酮	KIU/l = IU/ml	9.59	7.58	11.6	Siemens Centaur CP
	ng/ml	11.6	9.16	14.0	
	KIU/l = IU/ml	10.5	8.40	12.6	Diasorin Liaison XL
	ng/ml	12.7	10.2	15.2	
β-2-微球蛋白	μmol/l	5.96	4.77	7.15	Roche Cobas 6000/8000
	μg/ml	3.49	2.79	4.19	
	μmol/l	6.40	5.12	7.68	重量测定法
	μg/ml	3.75	3.00	4.50	
雄烯二酮	nmol/l	5.17	3.88	6.46	Siemens Immulite 2000
	ng/ml	1.48	1.11	1.85	
	nmol/l	5.19	3.89	6.49	LC/MS
	ng/ml	1.49	1.12	1.86	
雄烯二酮	nmol/l	5.24	3.93	6.55	Diasorin Liaison XL
	ng/ml	1.50	1.13	1.87	
β-2-微球蛋白	μg/ml = mg/l	0.881	0.705	1.06	Abbott Architect
	μg/ml = mg/l	1.00	0.800	1.20	BioMerieux Vidas
	μg/ml = mg/l	0.819	0.655	0.983	Behring 散射比浊法
	μg/ml = mg/l	0.900	0.720	1.08	Siemens Immulite 2000/2500
	μg/ml = mg/l	1.02	0.816	1.22	Siemens Immulite 1000
	μg/ml = mg/l	1.03	0.824	1.24	Tosoh Series
	μg/ml = mg/l	1.01	0.808	1.21	Roche Cobas 6000/8000
	μg/ml = mg/l	0.743	0.594	0.892	Fujirebio Lumipulse G Series
	μg/ml = mg/l	0.742	0.594	0.890	Diasorin Liaison XL
C-肽	nmol/l	0.533	0.400	0.666	Siemens Immulite 2000/2500
	ng/ml	1.61	1.21	2.01	
	nmol/l	0.759	0.569	0.949	罗氏电化学发光法 Roche Elecsys
	ng/ml	2.29	1.72	2.86	



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
C-肽	nmol/l	0.726	0.545	0.908	Roche Cobas 6000/8000		
	ng/ml	2.19	1.65	2.73			
	nmol/l	0.492	0.369	0.615	Siemens Immulite 1000		
	ng/ml	1.49	1.11	1.87			
	nmol/l	0.729	0.547	0.911	Diasorin Liaison		
	ng/ml	2.20	1.65	2.75			
	nmol/l	0.716	0.537	0.895	Roche Cobas E411		
	ng/ml	2.16	1.62	2.70			
	nmol/l	0.611	0.458	0.764	Abbott Architect		
	ng/ml	1.84	1.38	2.30			
	nmol/l	0.496	0.347	0.645	Siemens Centaur XP/XPT/Classic		
	ng/ml	1.50	1.05	1.95			
	nmol/l	0.674	0.506	0.843	Tosoh Series		
	ng/ml	2.03	1.53	2.53			
	nmol/l	0.775	0.581	0.969	Diasorin Liaison XL		
	ng/ml	2.34	1.75	2.93			
nmol/l	0.474	0.356	0.593	Siemens Atellica IM			
ng/ml	1.43	1.07	1.79				
CA 15-3	U/ml	17.6	14.1	21.1	Abbott Architect		
	U/ml	16.3	13.0	19.6	BioMerieux Vidas		
	U/ml	16.8	11.1	22.5	Siemens Centaur XP/XPT/Classic		
	U/ml	16.0	12.8	19.2	Siemens Immulite 2000/2500		
	U/ml	18.6	14.9	22.3	Siemens Immulite 1000		
	U/ml	7.30	5.84	8.76	Beckman Dxl800		
	U/ml	16.7	13.4	20.0	Roche Elecsys		
	U/ml	17.1	13.7	20.5	Diasorin Liaison		
	U/ml	7.43	5.94	8.92	Beckman Access		
	U/ml	17.9	14.3	21.5	Tosoh Series		
	U/ml	15.5	12.4	18.6	Vitros Eci		
	U/ml	16.8	13.4	20.2	Roche Cobas 6000/8000		
	U/ml	16.8	13.4	20.2	Roche Cobas E411		
	U/ml	20.2	16.2	24.2	Fujirebio Lumipulse G Series		
	U/ml	17.4	11.5	23.3	Siemens Centaur CP		
	U/ml	15.7	12.6	18.8	Diasorin Liaison XL		
CA 19-9	U/ml	7.79	6.23	9.35	BioMerieux Vidas		
	U/ml	10.9	7.19	14.6	Siemens Centaur XP/XPT/Classic		
	U/ml	40.2	32.2	48.2	Siemens Immulite 2000/2500		
	U/ml	44.9	35.9	53.9	Beckman Dxl800		
	U/ml	15.6	12.5	18.7	Roche Elecsys		
	U/ml	53.1	42.5	63.7	Beckman Access		
	U/ml	12.4	9.92	14.9	Tosoh Series		
	U/ml	18.9	15.1	22.7	Vitros Eci		
	U/ml	24.5	19.6	29.4	Abbott Architect XR/XR2 kit		
	U/ml	14.9	11.9	17.9	Roche Cobas 6000/8000		
	U/ml	14.7	11.8	17.6	Roche Cobas E411		



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
CA 19-9	U/ml	18.9	15.1	22.7	Fujirebio Lumipulse G Series		
	U/ml	8.74	6.99	10.5	Mindray CL-2000i		
	U/ml	37.0	29.6	44.4	Diasorin Liaison XL		
CA125	U/ml	26.6	21.3	31.9	Abbott Architect		
	U/ml	18.8	15.0	22.6	BioMerieux Vidas		
	U/ml	22.2	14.7	29.7	Siemens Centaur XP/XPT/Classic OV kit		
	U/ml	22.4	14.8	30.0	Siemens Centaur XP/XPT/Classic CA125 II kit		
	U/ml	19.7	15.8	23.6	Siemens Immulite 2000/2500		
	U/ml	20.2	16.2	24.2	Siemens Immulite 1000		
	U/ml	17.2	13.8	20.6	Beckman Dxl800		
	U/ml	17.5	14.0	21.0	Roche Elecsys		
	U/ml	23.0	18.4	27.6	Diasorin Liaison		
	U/ml	17.9	14.3	21.5	Beckman Access		
	U/ml	29.8	23.8	35.8	Tosoh Series		
	U/ml	17.1	13.7	20.5	Vitros Eci		
	U/ml	17.6	14.1	21.1	Roche Cobas E411		
	U/ml	17.2	13.8	20.6	Roche Cobas 6000/8000		
	U/ml	16.9	13.5	20.3	Fujirebio Lumipulse G Series		
	U/ml	22.7	15.0	30.4	Siemens Centaur CP CA125 II kit		
	U/ml	38.3	30.6	46.0	Mindray CL-2000i		
	U/ml	22.3	17.8	26.8	Diasorin Liaison XL		
立痛定（卡马西平）	μmol/l	15.0	12.0	18.0	Abbott Architect		
	μg/ml	3.55	2.84	4.26			
	μmol/l	17.3	12.5	22.1	Siemens Centaur XP/XPT/Classic		
	μg/ml	4.09	2.94	5.24			
	μmol/l	13.9	11.1	16.7	Siemens Dimension		
	μg/ml	3.29	2.62	3.96			
	μmol/l	12.2	9.76	14.6	Siemens Immulite 2000/2500		
	μg/ml	2.88	2.31	3.45			
	μmol/l	12.1	9.68	14.5	Siemens Immulite 1000		
	μg/ml	2.86	2.29	3.43			
	μmol/l	15.4	12.3	18.5	Roche Integra		
	μg/ml	3.64	2.91	4.37			
	μmol/l	14.1	11.3	16.9	Roche Cobas 6000/8000		
	μg/ml	3.33	2.67	3.99			
	μmol/l	14.3	11.4	17.2	Beckman DxC		
	μg/ml	3.38	2.69	4.07			
	μmol/l	16.0	12.8	19.2	Beckman AU400/600/640/2700/5400		
	μg/ml	3.78	3.03	4.53			
μmol/l	15.4	12.3	18.5	Gravimetric			
μg/ml	3.64	2.91	4.37				
癌胚抗原 (CEA)	ng/ml = μg/l	5.00	4.00	6.00	Abbott Architect		
	ng/ml = μg/l	4.13	3.30	4.96	BioMerieux Vidas		
	ng/ml = μg/l	4.82	3.18	6.46	Siemens Centaur XP/XPT/Classic		
	ng/ml = μg/l	4.80	3.84	5.76	CIS RIA Coated tube		
	ng/ml = μg/l	5.21	4.17	6.25	Siemens Immulite 2000/2500		



免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28

范围					
分析物	单位	靶值	低值	高值	方法学
癌胚抗原 (CEA)	ng/ml = µg/l	5.30	4.24	6.36	Siemens Immulite 1000
	ng/ml = µg/l	4.34	3.47	5.21	Beckman Dxl800
	ng/ml = µg/l	4.28	3.42	5.14	Roche Elecsys
	ng/ml = µg/l	4.27	3.42	5.12	Diasorin Liaison
	ng/ml = µg/l	4.52	3.62	5.42	Beckman Access
	ng/ml = µg/l	5.97	4.78	7.16	Tosoh Series
	ng/ml = µg/l	4.59	3.67	5.51	Vitros ECI
	ng/ml = µg/l	4.19	3.35	5.03	Roche Cobas 6000/8000
	ng/ml = µg/l	4.30	3.44	5.16	Roche Cobas E411
	ng/ml = µg/l	6.06	4.85	7.27	Fujirebio Lumipulse G Series
	ng/ml = µg/l	4.91	3.24	6.58	Siemens Centaur CP
	ng/ml = µg/l	3.66	2.93	4.39	Mindray CL-2000i
	ng/ml = µg/l	4.38	3.50	5.26	Diasorin Liaison XL
	ng/ml = µg/l	4.38	3.50	5.26	Diasorin Liaison XL
皮质醇	nmol/l	195	146	244	Abbott Architect
	µg/dl	7.02	5.26	8.78	
	nmol/l	124	93.0	155	BioMerieux Vidas
	µg/dl	4.46	3.35	5.57	
	nmol/l	172	114	230	Siemens Centaur XP/XPT/Classic
	µg/dl	6.19	4.09	8.29	
	nmol/l	165	124	206	CIS RIA
	µg/dl	5.94	4.46	7.42	
	nmol/l	185	139	231	Siemens Immulite 2000/2500
	µg/dl	6.66	5.00	8.32	
	nmol/l	174	131	218	Siemens Immulite 1000
	µg/dl	6.26	4.72	7.80	
	nmol/l	178	134	223	Beckman Dxl800
	µg/dl	6.41	4.82	8.00	
	nmol/l	176	132	220	Roche Elecsys
	µg/dl	6.34	4.75	7.93	
	nmol/l	208	156	260	Diasorin Liaison
	µg/dl	7.49	5.62	9.36	
	nmol/l	180	135	225	Beckman Access
	µg/dl	6.48	4.86	8.10	
	nmol/l	162	122	203	Tosoh Series
	µg/dl	5.83	4.39	7.27	
	nmol/l	129	96.8	161	Vitros ECI
	µg/dl	4.64	3.48	5.80	
	nmol/l	172	129	215	Roche Cobas 6000/8000
	µg/dl	6.19	4.64	7.74	
	nmol/l	185	139	231	Roche Cobas E411
	µg/dl	6.66	5.00	8.32	
	nmol/l	187	123	251	Siemens Centaur CP
	µg/dl	6.73	4.44	9.02	
	nmol/l	188	141	235	Roche Cobas 4000/e411 Gen II
	µg/dl	6.77	5.08	8.46	
	nmol/l	170	128	213	Roche Cobas 6000/8000 Gen II
	µg/dl	6.12	4.61	7.63	



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
皮质醇	nmol/l	175	131	219	Roche Elecsys Gen II		
	µg/dl	6.30	4.72	7.88			
	nmol/l	187	140	234	Diasorin Liaison XL		
	µg/dl	6.73	5.04	8.42			
去表雄酮硫酸盐 (DHEA-S)	µmol/l	2.44	1.95	2.93	Abbott Architect		
	µmol/l	1.90	1.52	2.28	Siemens Immulite 2000/2500		
	µmol/l	2.02	1.62	2.42	Siemens Immulite 1000		
	µmol/l	2.20	1.76	2.64	Beckman Dxl800		
	µmol/l	2.86	2.29	3.43	罗氏电化学发光法Roche Elecsys		
	µmol/l	2.29	1.83	2.75	Beckman Access		
	µmol/l	1.68	1.34	2.02	Diasorin Liaison		
	µmol/l	2.47	1.61	3.33	Siemens Centaur XP/XPT/Classic		
	µmol/l	3.05	2.44	3.66	Roche Cobas E411		
	µmol/l	2.83	2.26	3.40	Roche Cobas 6000/8000		
	µmol/l	1.99	1.59	2.39	Immunotech RIA		
	µmol/l	1.79	1.43	2.15	Diasorin Liaison XL		
地高辛	nmol/l	0.554	0.443	0.665	Abbott Architect		
	ng/ml	0.433	0.346	0.520			
	nmol/l	0.605	0.484	0.726	BioMerieux Vidas		
	ng/ml	0.473	0.378	0.568			
	nmol/l	0.948	0.711	1.19	Siemens Centaur XP/XPT/Classic		
	ng/ml	0.740	0.555	0.925			
	nmol/l	0.768	0.614	0.922	Siemens Dimension		
	ng/ml	0.600	0.480	0.720			
	nmol/l	0.734	0.587	0.881	Beckman Dxl800		
	ng/ml	0.573	0.458	0.688			
	nmol/l	0.800	0.640	0.960	Roche Integra		
	ng/ml	0.625	0.500	0.750			
	nmol/l	0.846	0.677	1.02	干化学法Vitros		
	ng/ml	0.661	0.529	0.793			
	nmol/l	0.829	0.663	0.995	Roche Cobas 6000/8000		
	ng/ml	0.647	0.518	0.776			
	nmol/l	0.976	0.781	1.17	Beckman AU400/600/640/2700/5400		
	ng/ml	0.762	0.610	0.914			
nmol/l	0.953	0.762	1.14	Roche Cobas 4000/E411			
ng/ml	0.744	0.595	0.893				
nmol/l	0.896	0.717	1.08	Gravimetric			
ng/ml	0.700	0.560	0.840				
乙琥胺	µmol/l	226	181	271	Gravimetric		
	µg/ml	32.0	25.7	38.4			
血清铁蛋白	ng/ml = µg/l	19.7	15.8	23.6	Abbott Architect		
	ng/ml = µg/l	18.3	14.6	22.0	BioMerieux Vidas		
	ng/ml = µg/l	16.6	12.5	20.7	Siemens Centaur XP/XPT/Classic		
	ng/ml = µg/l	20.7	16.6	24.8	Siemens Dimension		
	ng/ml = µg/l	18.2	14.6	21.8	Siemens Immulite 2000/2500		



免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28

范围					
分析物	单位	靶值	低值	高值	方法学
血清铁蛋白	ng/ml = µg/l	17.5	14.0	21.0	Siemens Immulite 1000
	ng/ml = µg/l	12.8	10.2	15.4	Beckman Dxl800
	ng/ml = µg/l	20.2	16.2	24.2	Roche Elecsys
	ng/ml = µg/l	15.7	12.6	18.8	Diasorin Liaison
	ng/ml = µg/l	20.3	16.2	24.4	Roche Modular E170
	ng/ml = µg/l	13.1	10.5	15.7	Beckman Access
	ng/ml = µg/l	12.8	10.2	15.4	Tosoh Series
	ng/ml = µg/l	14.1	11.3	16.9	Vitros ECI
	ng/ml = µg/l	15.9	12.7	19.1	Immunotech IRMA
	ng/ml = µg/l	21.8	17.4	26.2	Roche Cobas E411
	ng/ml = µg/l	15.3	12.2	18.4	Beckman AU400/600/640/2700/5400
	ng/ml = µg/l	11.4	9.12	13.7	Fujirebio Lumipulse G Series
	ng/ml = µg/l	15.4	11.6	19.2	Siemens Centaur CP
	ng/ml = µg/l	15.3	12.2	18.4	Diasorin Liaison XL
叶酸	nmol/l	3.76	2.86	4.66	Abbott Architect
	ng/ml	1.66	1.26	2.06	
	nmol/l	6.91	3.80	10.0	Siemens Centaur XP/XPT/Classic (enhanced kit)
	ng/ml	3.05	1.68	4.42	
	nmol/l	2.79	2.12	3.46	Siemens Immulite 2000
	ng/ml	1.23	0.935	1.53	
	nmol/l	3.73	2.83	4.63	Beckman Dxl800
	ng/ml	1.64	1.25	2.03	
	nmol/l	3.53	2.68	4.38	Beckman Access
	ng/ml	1.56	1.18	1.94	
	nmol/l	3.75	2.85	4.65	Vitros ECI
	ng/ml	1.65	1.26	2.04	
游离 T3	nmol/l	2.44	1.85	3.03	Siemens Dimension
	ng/ml	1.08	0.816	1.34	
	pmol/l	2.55	1.91	3.19	Abbott Architect
	ng/dl	0.166	0.124	0.208	
	pg/ml	1.66	1.24	2.08	
	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	2.94	1.76	4.12	Siemens Centaur XP/XPT/Classic
	ng/dl	0.191	0.115	0.267	
	pg/ml	1.91	1.15	2.67	
	pmol/l	2.62	1.97	3.28	Siemens Immulite 2000/2500
	ng/dl	0.170	0.128	0.212	
	pg/ml	1.71	1.28	2.14	
	pmol/l	2.63	1.97	3.29	Siemens Immulite 1000
	ng/dl	0.171	0.128	0.214	
	pg/ml	1.71	1.28	2.14	
	pmol/l	3.13	2.35	3.91	Beckman Dxl800
	ng/dl	0.203	0.153	0.253	
	pg/ml	2.04	1.53	2.55	

免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28

范围					
分析物	单位	靶值	低值	高值	方法学
游离 T3	pmol/l	3.41	2.56	4.26	Roche Elecsys
	ng/dl	0.222	0.166	0.278	
	pg/ml	2.22	1.67	2.77	
	pmol/l	1.99	1.49	2.49	Diasorin Liaison
	ng/dl	0.129	0.097	0.161	
	pg/ml	1.30	0.970	1.63	
	pmol/l	3.12	2.34	3.90	Beckman Access
	ng/dl	0.203	0.152	0.254	
	pg/ml	2.03	1.52	2.54	
	pmol/l	4.97	3.73	6.21	Vitros ECI
	ng/dl	0.323	0.242	0.404	
	pg/ml	3.24	2.43	4.05	
	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	3.31	2.48	4.14	Roche Cobas 6000/8000
	ng/dl	0.215	0.161	0.269	
	pg/ml	2.15	1.61	2.69	
	pmol/l	3.20	1.92	4.48	Siemens Centaur CP
	ng/dl	0.208	0.125	0.291	
	pg/ml	2.08	1.25	2.91	
	pmol/l	2.68	2.01	3.35	Mindray CL-2000i
	ng/dl	0.174	0.131	0.217	
	pg/ml	1.74	1.31	2.17	
	pmol/l	2.18	1.64	2.73	Diasorin Liaison XL
	ng/dl	0.142	0.107	0.177	
	pg/ml	1.42	1.07	1.77	
游离 T4	pmol/l	8.97	6.73	11.2	Abbott Architect
	ng/dl	0.700	0.525	0.875	
	pg/ml	7.00	5.25	8.75	
	pmol/l	7.98	5.99	9.98	Siemens Centaur XP/XPT/Classic
	ng/dl	0.622	0.467	0.777	
	pg/ml	6.22	4.67	7.77	
	pmol/l	10.5	7.88	13.1	CIS RIA Coated tube
	ng/dl	0.819	0.615	1.02	
	pg/ml	8.19	6.15	10.2	
	pmol/l	12.8	9.60	16.0	Siemens Immulite 2000/2500
	ng/dl	0.998	0.749	1.25	
	pg/ml	9.98	7.49	12.5	
	pmol/l	12.3	9.23	15.4	Siemens Immulite 1000
	ng/dl	0.959	0.720	1.20	
	pg/ml	9.59	7.20	12.0	
	pmol/l	9.46	7.10	11.8	Beckman Dxl800
	ng/dl	0.738	0.554	0.922	
	pg/ml	7.38	5.54	9.22	
	pmol/l	12.0	9.00	15.0	Roche Elecsys
	ng/dl	0.936	0.702	1.17	
	pg/ml	9.36	7.02	11.7	



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
游离 T4	pmol/l	11.6	8.70	14.5	Diasorin Liaison		
	ng/dl	0.905	0.679	1.13			
	pg/ml	9.05	6.79	11.3			
	pmol/l	9.37	7.03	11.7	Beckman Access		
	ng/dl	0.731	0.548	0.914			
	pg/ml	7.31	5.48	9.14			
	pmol/l	8.63	6.47	10.8	Tosoh Series		
	ng/dl	0.673	0.505	0.841			
	pg/ml	6.73	5.05	8.41			
	pmol/l	13.1	9.83	16.4	Vitros ECI		
	ng/dl	1.02	0.767	1.27			
	pg/ml	10.2	7.67	12.7			
	pmol/l	11.8	8.85	14.8	Roche Cobas 6000/8000		
	ng/dl	0.920	0.690	1.15			
	pg/ml	9.20	6.90	11.5			
	pmol/l	10.0	7.50	12.5	Immunotech IRMA		
	ng/dl	0.780	0.585	0.975			
	pg/ml	7.80	5.85	9.75			
	pmol/l	12.0	9.00	15.0	Roche Cobas E411		
	ng/dl	0.936	0.702	1.17			
	pg/ml	9.36	7.02	11.7			
	pmol/l	9.30	6.98	11.6	Biomerieux Vidas FT4N Kit		
	ng/dl	0.725	0.544	0.906			
	pg/ml	7.25	5.44	9.06			
	pmol/l	8.62	6.47	10.8	Siemens Centaur CP		
	ng/dl	0.672	0.505	0.839			
	pg/ml	6.72	5.05	8.39			
	pmol/l	8.85	6.64	11.1	Mindray CL-2000i		
	ng/dl	0.690	0.518	0.862			
	pg/ml	6.90	5.18	8.62			
	pmol/l	11.3	8.48	14.1	Diasorin Liaison XL		
	ng/dl	0.881	0.661	1.10			
	pg/ml	8.81	6.61	11.0			
卵泡刺激素（FSH）	mU/ml	5.52	4.42	6.62	Abbott Architect		
	mU/ml	6.78	5.42	8.14	BioMerieux Vidas		
	mU/ml	8.67	6.07	11.3	Siemens Centaur XP/XPT/Classic		
	mU/ml	6.81	5.45	8.17	Siemens Immulite 2000/2500		
	mU/ml	6.83	5.46	8.20	Siemens Immulite 1000		
	mU/ml	6.88	5.50	8.26	Beckman Dxl800		
	mU/ml	6.29	5.03	7.55	Roche/BM Elecsys		
	mU/ml	7.83	6.26	9.40	Diasorin Liaison		
	mU/ml	6.90	5.52	8.28	Beckman Access		
	mU/ml	7.24	5.79	8.69	Tosoh Series		
	mU/ml	5.23	4.18	6.28	Vitros ECI		

免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
卵泡刺激素FSH	mU/ml	6.44	5.15	7.73	Roche Cobas E411		
	mU/ml	6.00	4.80	7.20	Roche Cobas 6000/8000		
	mU/ml	5.11	4.09	6.13	Fujirebio Lumipulse G Series		
	mU/ml	6.74	4.72	8.76	Siemens Centaur CP		
	mU/ml	10.2	8.16	12.2	Diasorin Liaison XL		
庆大霉素	μmol/l	4.39	3.16	5.62	Siemens Centaur XP/XPT/Classic		
	μg/ml	2.10	1.51	2.69			
	μmol/l	3.87	3.10	4.64	Roche Cobas 6000/8000		
	μg/ml	1.85	1.48	2.22			
	μmol/l	4.85	3.88	5.82	重量测定法		
	μg/ml	2.32	1.85	2.78			
生长激素 (GH)	μU/ml	4.89	3.91	5.87	Siemens Immulite 2000/2500		
	ng/ml	1.63	1.30	1.96			
	μU/ml	4.88	3.90	5.86	Siemens Immulite 1000		
	ng/ml	1.63	1.30	1.96			
	μU/ml	3.59	2.87	4.31	Beckman Dxl800		
	ng/ml	1.20	0.956	1.44			
	μU/ml	3.64	2.91	4.37	Beckman Access		
	ng/ml	1.21	0.969	1.45			
	μU/ml	4.55	3.64	5.46	Tosoh Series		
	ng/ml	1.52	1.21	1.83			
	μU/ml	3.68	2.94	4.42	Diasorin Liaison		
	ng/ml	1.23	0.979	1.48			
	μU/ml	4.52	3.62	5.42	Roche Cobas E411		
	ng/ml	1.51	1.21	1.81			
	μU/ml	4.52	3.62	5.42	Roche Cobas 6000/8000		
	ng/ml	1.51	1.21	1.81			
免疫球蛋白 E	μU/ml	3.62	2.90	4.34	Diasorin Liaison XL		
	ng/ml	1.21	0.966	1.45			
	KIU/l = IU/ml	232	186	278	Abbott Architect		
	KIU/l = IU/ml	199	159	239	BioMerieux Vidas		
	KIU/l = IU/ml	258	155	361	Siemens Centaur XP/XPT/Classic		
	KIU/l = IU/ml	253	202	304	Siemens Immulite 2000/2500		
	KIU/l = IU/ml	257	206	308	Siemens Immulite 1000		
	KIU/l = IU/ml	217	174	260	Beckman Dxl800		
	KIU/l = IU/ml	233	186	280	Roche Elecsys		
	KIU/l = IU/ml	223	178	268	Pharmacia Unicap		
	KIU/l = IU/ml	225	180	270	Tosoh Series		
	KIU/l = IU/ml	246	197	295	Roche Cobas E411		
	KIU/l = IU/ml	241	193	289	Roche Cobas 6000/8000		
	KIU/l = IU/ml	201	161	241	Fujirebio Lumipulse G Series		
KIU/l = IU/ml	241	145	337	Siemens Centaur CP			
胰岛素	mU/l	1.51	1.13	1.89	Siemens Centaur XP/XPT/Classic		
	μU/ml	1.51	1.13	1.89			
	mU/l	1.96	1.47	2.45	Roche Elecsys		
	μU/ml	1.96	1.47	2.45			



免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28					
范围					
分析物	单位	靶值	低值	高值	方法学
胰岛素	mU/l	0.823	0.617	1.03	Beckman Access
	μU/ml	0.823	0.617	1.03	
	mU/l	1.29	0.968	1.61	Abbott Architect
	μU/ml	1.29	0.968	1.61	
	mU/l	3.85	2.89	4.81	Tosoh Series
	μU/ml	3.85	2.89	4.81	
	mU/l	1.97	1.48	2.46	Roche Cobas E411
	μU/ml	1.97	1.48	2.46	
	mU/l	0.780	0.585	0.975	Beckman Dxl 600/800
	μU/ml	0.780	0.585	0.975	
	mU/l	1.11	0.833	1.39	Diasorin Liaison
	μU/ml	1.11	0.833	1.39	
	mU/l	2.16	1.62	2.70	Roche Cobas 6000/8000
	μU/ml	2.16	1.62	2.70	
	mU/l	5.64	4.23	7.05	SNIBE Maglumi Analysers
	μU/ml	5.64	4.23	7.05	
	mU/l	1.72	1.29	2.15	Fujirebio Lumipulse G Series
	μU/ml	1.72	1.29	2.15	
	mU/l	1.32	0.990	1.65	Siemens Centaur CP
	μU/ml	1.32	0.990	1.65	
促黄体生成素（LH）	mU/ml	2.37	1.90	2.84	Abbott Architect
	mU/ml	3.10	2.48	3.72	BioMerieux Vidas
	mU/ml	2.94	2.21	3.67	Siemens Centaur XP/XPT/Classic
	mU/ml	5.37	4.30	6.44	Siemens Immulite 2000
	mU/ml	5.65	4.52	6.78	Siemens Immulite 1000
	mU/ml	2.26	1.81	2.71	Beckman Dxl800
	mU/ml	3.79	3.03	4.55	Roche Elecsys
	mU/ml	3.94	3.15	4.73	Diasorin Liaison
	mU/ml	2.33	1.86	2.80	Beckman Access
	mU/ml	2.62	2.10	3.14	Tosoh Series
	mU/ml	6.16	4.93	7.39	Vitros ECI
	mU/ml	3.84	3.07	4.61	Roche Cobas E411
	mU/ml	3.80	3.04	4.56	Roche Cobas 6000/8000
	mU/ml	2.64	2.11	3.17	Fujirebio Lumipulse G Series
	mU/ml	2.72	2.04	3.40	Siemens Centaur CP
	mU/ml	3.72	2.98	4.46	Mindray CL-2000i
	mU/ml	3.84	3.07	4.61	Diasorin Liaison XL
雌二醇（E2）	pmol/l	172	138	206	Abbott Architect
	pg/ml	46.8	37.5	56.1	
	pmol/l	253	202	304	BioMerieux Vidas
	pg/ml	68.8	54.9	82.7	
	pmol/l	131	78.6	183	Siemens Centaur XP/XPT/Classic
	pg/ml	35.6	21.4	49.8	
	pmol/l	89.6	71.7	108	Siemens Immulite 1000
	pg/ml	24.4	19.5	29.3	



免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28

范围					
分析物	单位	靶值	低值	高值	方法学
雌二醇（E2）	pmol/l	120	96.0	144	Beckman Dxl800
	pg/ml	32.6	26.1	39.1	
	pmol/l	175	140	210	罗氏电化学发光法(Estradiol II)
	pg/ml	47.6	38.1	57.1	
	pmol/l	125	100	150	Beckman Access
	pg/ml	34.0	27.2	40.8	
	pmol/l	74.7	59.8	89.6	Vitros ECI
	pg/ml	20.3	16.3	24.3	
	pmol/l	168	134	202	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	45.7	36.4	55.0	
	pmol/l	169	135	203	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	46.0	36.7	55.3	
	pmol/l	136	81.6	190	Siemens Centaur XP/XPT/Classic Enhanced (eE2)
	pg/ml	37.0	22.2	51.8	
	pmol/l	136	81.6	190	Siemens Centaur CP Enhanced (eE2)
	pg/ml	37.0	22.2	51.8	
	pmol/l	156	125	187	Fujirebio Lumipulse G Series
	pg/ml	42.4	34.0	50.8	
	pmol/l	180	144	216	Roche Cobas 6000/8000 (Estradiol III)
	pg/ml	49.0	39.2	58.8	
扑热息痛（对乙酰氨基酚）	pmol/l	171	137	205	Roche Elecsys (Estradiol III)
	pg/ml	46.5	37.3	55.7	
	pmol/l	166	133	199	Roche Cobas 4000/E411 (Estradiol III)
	pg/ml	45.2	36.2	54.2	
	pmol/l	118	94.4	142	Diasorin Liaison XL
	pg/ml	32.1	25.7	38.5	
	mmol/l	0.161	0.129	0.193	Abbott Architect
	mg/l	24.4	19.5	29.3	
苯巴比妥	mmol/l	0.153	0.122	0.184	Roche Cobas 6000/8000
	mg/l	23.1	18.5	27.7	
	mmol/l	0.166	0.130	0.200	重量测定法
	mg/l	25.1	19.7	30.3	
	μmol/l	33.7	27.0	40.4	Abbott Architect
	μg/ml	7.82	6.26	9.38	
	μmol/l	31.9	25.5	38.3	Roche Cobas 6000/8000
	μg/ml	7.40	5.92	8.88	
	μmol/l	34.7	27.8	41.6	Siemens Immulite 2000/2500
	μg/ml	8.05	6.45	9.65	
	μmol/l	30.4	24.3	36.5	Beckman AU400/600/640/2700/5400
	μg/ml	7.05	5.64	8.46	
	μmol/l	47.8	33.5	62.1	Siemens Centaur XP/XPT/Classic
	μg/ml	11.1	7.77	14.4	
	μmol/l	34.5	27.6	41.4	Roche Integra
	μg/ml	8.00	6.40	9.60	
	μmol/l	34.7	27.8	41.6	Siemens Immulite 1000
	μg/ml	8.05	6.45	9.65	

免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
苯巴比妥	μmol/l	34.5	27.6	41.4	Gravimetric		
	μg/ml	8.00	6.40	9.60			
苯妥英钠	μmol/l	18.8	15.0	22.6	Abbott Architect		
	μg/ml	4.75	3.79	5.71	Siemens Centaur XP/XPT/Classic		
	μmol/l	18.9	14.2	23.6			
	μg/ml	4.77	3.58	5.96			
	μmol/l	18.6	14.9	22.3	Siemens Dimension		
	μg/ml	4.70	3.76	5.64	Siemens Immulite 2000/2500		
	μmol/l	17.9	14.3	21.5			
	μg/ml	4.52	3.61	5.43			
	μmol/l	20.2	16.2	24.2	Siemens Immulite 1000		
	μg/ml	5.10	4.09	6.11	Roche Integra		
	μmol/l	18.4	14.7	22.1			
	μg/ml	4.65	3.71	5.59			
	μmol/l	17.9	14.3	21.5	Roche Cobas 6000/8000		
	μg/ml	4.52	3.61	5.43	Beckman DxC		
	μmol/l	19.3	15.4	23.2			
	μg/ml	4.87	3.89	5.85			
	扑米酮	μmol/l	20.2	16.2	24.2	Gravimetric	
		μg/ml	5.10	4.09	6.11		
孕酮	μmol/l	12.3	9.84	14.8	Gravimetric		
	μg/ml	2.69	2.15	3.23			
	nmol/l	3.04	2.43	3.65	Abbott Architect		
	ng/ml	0.952	0.761	1.14	BioMerieux Vidas		
	nmol/l	4.55	3.64	5.46			
	ng/ml	1.42	1.14	1.70			
	nmol/l	2.67	1.47	3.87	Siemens Centaur XP/XPT/Classic		
	ng/ml	0.836	0.460	1.21	Siemens Immulite 2000/2500		
	nmol/l	2.88	2.30	3.46			
	ng/ml	0.901	0.720	1.08			
	nmol/l	2.99	2.39	3.59	Siemens Immulite 1000		
	ng/ml	0.936	0.748	1.12	Beckman Dxl Prog Cal 33555		
	nmol/l	2.71	2.17	3.25			
	ng/ml	0.848	0.679	1.02			
	nmol/l	3.37	2.70	4.04	Roche Elecsys (Prog. II)		
	ng/ml	1.05	0.845	1.26	Tosoh Series		
	nmol/l	2.19	1.75	2.63			
	ng/ml	0.685	0.548	0.822			
	nmol/l	2.51	2.01	3.01	Vitros Eci		
	ng/ml	0.786	0.629	0.943	Roche Cobas 4000/e411 (Prog. II)		
	nmol/l	3.55	2.84	4.26			
	ng/ml	1.11	0.889	1.33			
	nmol/l	3.66	2.93	4.39	Roche Cobas 6000/8000 (Prog. II)		
	ng/ml	1.15	0.917	1.38	Diasorin Liaison		
nmol/l	2.39	1.91	2.87				
ng/ml	0.748	0.598	0.898				



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
孕酮	nmol/l	1.87	1.50	2.24	Beckman Dxl Prog DE Cal A80773		
	ng/ml	0.585	0.470	0.700			
	nmol/l	3.19	1.75	4.63	Siemens Centaur CP		
	ng/ml	0.998	0.549	1.45			
	nmol/l	2.33	1.86	2.80	Fujirebio Lumipulse G Series		
	ng/ml	0.729	0.582	0.876			
	nmol/l	3.53	2.82	4.24	Roche Cobas 6000/8000 (Prog. III)		
	ng/ml	1.10	0.883	1.32			
	nmol/l	3.77	3.02	4.52	Roche Elecsys (Prog. III)		
	ng/ml	1.18	0.945	1.42			
	nmol/l	3.54	2.83	4.25	Roche Cobas 4000/e411 (Prog. III)		
	ng/ml	1.11	0.886	1.33			
nmol/l	1.95	1.56	2.34	Diasorin Liaison XL			
ng/ml	0.610	0.488	0.732				
催乳素（PRL）	μU/ml	133	106	160	Abbott Architect		
	μU/ml	140	112	168	BioMerieux Vidas		
	μU/ml	123	86.1	160	Siemens Centaur XP/XPT/Classic		
	μU/ml	119	95.2	143	Siemens Immulite 2000/2500		
	μU/ml	133	106	160	Siemens Immulite 1000		
	μU/ml	108	86.4	130	Beckman Dxl800		
	μU/ml	107	85.6	128	罗氏电化学发光法Roche Elecsys		
	μU/ml	129	103	155	Diasorin Liaison		
	μU/ml	113	90.4	136	Beckman Access		
	μU/ml	126	101	151	Tosoh Series		
	μU/ml	199	159	239	Vitros ECI		
	μU/ml	107	85.6	128	Roche Elecsys/E170/Cobas 6000/8000 PRLII		
	μU/ml	134	107	161	Immunotech IRMA		
	μU/ml	109	87.2	131	Roche Cobas E411		
	μU/ml	106	84.8	127	Roche Cobas 6000/8000		
	μU/ml	151	121	181	Fujirebio Lumipulse G Series		
	μU/ml	113	79.1	147	Siemens Centaur CP		
	μU/ml	184	147	221	Mindray CL-2000i		
	μU/ml	126	101	151	Diasorin Liaison XL		
	PSA（游离）	ng/ml = μg/l	1.48	1.11	1.85	Abbott Architect	
ng/ml = μg/l		1.14	0.855	1.43	Siemens Centaur XP/XPT/Classic		
ng/ml = μg/l		1.18	0.885	1.48	Siemens Immulite 2000/2500		
ng/ml = μg/l		1.02	0.765	1.28	Siemens Immulite 1000		
ng/ml = μg/l		1.39	1.04	1.74	Beckman DXI standardised to Hybritech		
ng/ml = μg/l		0.890	0.668	1.11	Roche Elecsys		
ng/ml = μg/l		0.782	0.587	0.978	Diasorin Liaison		
ng/ml = μg/l		1.50	1.13	1.88	Beckman Access standardised to Hybritech		
ng/ml = μg/l		0.805	0.604	1.01	Tosoh Series		
ng/ml = μg/l		0.890	0.668	1.11	Roche Cobas E411		
ng/ml = μg/l		0.901	0.676	1.13	Roche Cobas 6000/8000		
ng/ml = μg/l		1.29	0.968	1.61	Beckman Dxl800 standardised to WHO IRP96/670		

免疫质控品-水平1

货号: IA3109 / IA3112

批号: 1937EC

规格: 12 x 5 ml / 4 x 5 ml

效期: 2022-12-28

范围

分析物	单位	靶值	低值	高值	方法学
PSA (游离)	ng/ml = µg/l	1.48	1.11	1.85	Beckman Access standardised to WHO IRP96/670
	ng/ml = µg/l	0.442	0.332	0.553	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = µg/l	0.963	0.722	1.20	Fujirebio Lumipulse G Series
	ng/ml = µg/l	0.771	0.578	0.964	Diasorin Liaison XL
PSA (总)	ng/ml = µg/l	1.40	1.05	1.75	Abbott Architect
	ng/ml = µg/l	1.65	1.24	2.06	BioMerieux Vidas
	ng/ml = µg/l	1.75	1.31	2.19	bioMerieux VIDAS TPSA
	ng/ml = µg/l	1.57	1.18	1.96	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	0.692	0.519	0.865	Siemens Immulite 2000/2500 1st generation
	ng/ml = µg/l	0.684	0.513	0.855	Siemens Immulite 2000/2500 3rd generation
	ng/ml = µg/l	0.736	0.552	0.920	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	2.05	1.54	2.56	Beckman Dxl standardised to Hybritech
	ng/ml = µg/l	1.71	1.28	2.14	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	1.90	1.43	2.38	Roche Elecsys
	ng/ml = µg/l	0.920	0.690	1.15	Diasorin Liaison
	ng/ml = µg/l	2.10	1.58	2.63	Beckman Access standardised to Hybritech
	ng/ml = µg/l	2.06	1.55	2.58	Beckman Access standardised to WHO IRP96/670
	ng/ml = µg/l	1.18	0.885	1.48	Tosoh Series
	ng/ml = µg/l	1.81	1.36	2.26	Vitros ECI
	ng/ml = µg/l	2.37	1.78	2.96	CIS RIA Coated tube
	ng/ml = µg/l	1.87	1.40	2.34	Roche Cobas E411
	ng/ml = µg/l	1.94	1.46	2.43	Roche Cobas 6000/8000
	ng/ml = µg/l	1.80	1.35	2.25	SNIBE Maglumi Analysers
	ng/ml = µg/l	1.28	0.960	1.60	Fujirebio Lumipulse G Series
	ng/ml = µg/l	1.89	1.42	2.36	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = µg/l	1.51	1.13	1.89	Siemens Centaur CP
	ng/ml = µg/l	0.845	0.634	1.06	Diasorin Liaison XL
水杨酸	mmol/l	0.286	0.230	0.340	Gravimetric
	mg/dl	3.95	3.18	4.70	
性激素结合球蛋白 (SHBG)	nmol/l	12.4	9.92	14.9	Siemens Immulite 1000
	nmol/l	13.0	10.4	15.6	Siemens Immulite 2000/2500
	nmol/l	12.7	10.2	15.2	Abbott Architect
	nmol/l	12.3	9.84	14.8	Roche Cobas E411
	nmol/l	11.6	9.28	13.9	Roche Cobas 6000/8000
	nmol/l	11.7	9.36	14.0	Beckman Dxl800
甲状腺激素结合力 (T Uptake)	%U	33.0	27.1	38.9	Siemens Immulite 2000
睾酮	nmol/l	2.17	1.74	2.60	Abbott Architect
	ng/ml	0.625	0.501	0.749	
	ng/dl	62.5	50.1	74.9	
	nmol/l	1.12	0.896	1.34	BioMerieux Vidas
	ng/ml	0.323	0.258	0.388	
	ng/dl	32.3	25.8	38.8	
	nmol/l	1.68	1.09	2.27	Siemens Centaur XP/XPT/Classic
	ng/ml	0.484	0.315	0.653	
	ng/dl	48.4	31.5	65.3	
	nmol/l	1.64	1.31	1.97	CIS RIA Coated tube
	ng/ml	0.472	0.377	0.567	
	ng/dl	47.2	37.7	56.7	



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
睾酮	nmol/l	1.16	0.928	1.39	Siemens Immulite 2000/2500		
	ng/ml	0.334	0.267	0.401			
	ng/dl	33.4	26.7	40.1			
	nmol/l	1.55	1.24	1.86	Beckman Dxl800		
	ng/ml	0.446	0.357	0.535			
	ng/dl	44.6	35.7	53.5			
	nmol/l	1.70	1.36	2.04	Beckman Access		
	ng/ml	0.490	0.392	0.588			
	ng/dl	49.0	39.2	58.8			
	nmol/l	1.17	0.936	1.40	Tosoh Series		
	ng/ml	0.337	0.270	0.404			
	ng/dl	33.7	27.0	40.4			
	nmol/l	0.988	0.790	1.19	Vitros ECI		
	ng/ml	0.285	0.228	0.342			
	ng/dl	28.5	22.8	34.2			
	nmol/l	1.78	1.42	2.14	Roche Cobas 6000 Test 2		
	ng/ml	0.513	0.409	0.617			
	ng/dl	51.3	40.9	61.7			
	nmol/l	1.83	1.46	2.20	Roche Elecsys Test II		
	ng/ml	0.527	0.420	0.634			
	ng/dl	52.7	42.0	63.4			
	nmol/l	1.88	1.50	2.26	Roche Cobas 4000/e411 Test II		
	ng/ml	0.541	0.432	0.650			
	ng/dl	54.1	43.2	65.0			
	nmol/l	2.13	1.70	2.56	Abbott Architect 2nd Generation		
	ng/ml	0.613	0.490	0.736			
	ng/dl	61.3	49.0	73.6			
	nmol/l	1.54	1.00	2.08	Siemens Centaur CP		
	ng/ml	0.444	0.289	0.599			
	ng/dl	44.4	28.9	59.9			
nmol/l	1.13	0.904	1.36	BioMerieux Vidas Testosterone II			
ng/ml	0.325	0.260	0.390				
ng/dl	32.5	26.0	39.0				
nmol/l	1.18	0.944	1.42	Mindray CL-2000i			
ng/ml	0.340	0.272	0.408				
ng/dl	34.0	27.2	40.8				
nmol/l	1.70	1.11	2.29	Siemens Centaur TST II			
ng/ml	0.490	0.319	0.661				
ng/dl	49.0	31.9	66.1				
nmol/l	0.871	0.697	1.05	Diasorin Liaison XL			
ng/ml	0.251	0.201	0.301				
ng/dl	25.1	20.1	30.1				
茶碱	μmol/l	28.2	22.6	33.8	Roche Integra		
	μg/ml	5.08	4.07	6.09			

免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
茶碱	μmol/l	25.0	20.0	30.0	Abbott Architect		
	μg/ml	4.51	3.60	5.42			
	μmol/l	25.8	20.6	31.0	Roche Cobas 6000/8000		
	μg/ml	4.65	3.71	5.59			
	μmol/l	22.2	17.8	26.6	Beckman DxC		
	μg/ml	4.00	3.21	4.79			
	μmol/l	24.7	19.8	29.6	Beckman AU400/600/640/2700/5400		
	μg/ml	4.45	3.57	5.33			
	μmol/l	28.3	22.6	34.0	Gravimetric		
	μg/ml	5.10	4.07	6.13			
甲状腺球蛋白	ng/ml	0.200	0.150	0.250	Siemens Immulite 1000		
	ng/ml	2.15	1.61	2.69	Roche Elecsys		
	ng/ml	1.44	1.08	1.80	Beckman Dxl800		
	ng/ml	2.10	1.58	2.63	Roche Cobas E411		
	ng/ml	2.06	1.55	2.58	Roche Cobas 6000/8000		
	ng/ml	1.51	1.13	1.89	Beckman Access		
	ng/ml	1.57	1.18	1.96	Abbott Architect 2000i		
	ng/ml	1.81	1.36	2.26	Tosoh Series		
	ng/ml	2.06	1.55	2.58	Roche Cobas 6000 TGII		
	ng/ml	2.12	1.59	2.65	Roche Elecsys TGII		
	ng/ml	2.11	1.58	2.64	Roche Cobas 4000/E411 TGII		
促甲状腺激素 (TSH)	μU/ml = mIU/l	0.081	0.065	0.097	Abbott Architect		
	μU/ml = mIU/l	0.060	0.048	0.072	bioMerieux VIDAS TSH		
	μU/ml = mIU/l	0.056	0.045	0.067	bioMerieux VIDAS TSH3 Ultrasensitive		
	μU/ml = mIU/l	0.092	0.063	0.121	Siemens Centaur XP/XPT/Classic		
	μU/ml = mIU/l	0.138	0.110	0.166	CIS IRMA		
	μU/ml = mIU/l	0.089	0.061	0.117	Siemens Centaur XP/XPT/Classic 3rd Generation		
	μU/ml = mIU/l	0.086	0.069	0.103	Siemens Immulite 2000/2500		
	μU/ml = mIU/l	0.108	0.086	0.130	Siemens Immulite 1000		
	μU/ml = mIU/l	0.076	0.061	0.091	Beckman Dxl800 Fast TSH		
	μU/ml = mIU/l	0.074	0.059	0.089	Beckman Dxl800		
	μU/ml = mIU/l	0.117	0.094	0.140	Roche Elecsys		
	μU/ml = mIU/l	0.115	0.092	0.138	Diasorin Liaison		
	μU/ml = mIU/l	0.080	0.064	0.096	Beckman Access Fast TSH		
	μU/ml = mIU/l	0.078	0.062	0.094	Beckman Access hyperTSH 3rd Generation		
	μU/ml = mIU/l	0.093	0.074	0.112	Tosoh Series		
	μU/ml = mIU/l	0.146	0.117	0.175	Vitros ECI		
	μU/ml = mIU/l	0.119	0.095	0.143	Roche Cobas E411		
	μU/ml = mIU/l	0.117	0.094	0.140	Roche Cobas 6000/8000		
	μU/ml = mIU/l	0.074	0.059	0.089	Beckman Dxl800 Hyper TSH		
	μU/ml = mIU/l	0.089	0.061	0.117	Siemens Centaur XP/XPT/Classic TSH3-Ultra		
	μU/ml = mIU/l	0.089	0.061	0.117	Siemens Centaur CP		
	μU/ml = mIU/l	0.086	0.058	0.114	Siemens Centaur CP TSH3-Ultra		
	μU/ml = mIU/l	0.145	0.116	0.174	Mindray CL-2000i		
	μU/ml = mIU/l	0.075	0.060	0.090	Beckman Dxl 600/800 Access (3rd IS)		
	μU/ml = mIU/l	0.135	0.108	0.162	Diasorin Liaison XL		



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
妥布霉素	μmol/l	4.17	3.34	5.00	Gravimetric		
	μg/ml	1.95	1.56	2.34			
总β-hCG	mU/ml=IU/l	9.18	7.34	11.0	Abbott Architect		
	IU/ml	0.009	0.007	0.011			
	mU/ml=IU/l	22.5	18.0	27.0	BioMerieux Vidas		
	IU/ml	0.023	0.018	0.028			
	mU/ml=IU/l	13.5	8.10	18.9	Siemens Centaur XP/XPT/Classic		
	IU/ml	0.014	0.008	0.019			
	mU/ml=IU/l	28.4	22.7	34.1	Siemens Dimension		
	IU/ml	0.028	0.023	0.033			
	mU/ml=IU/l	42.1	33.7	50.5	Siemens Immulite 2000		
	IU/ml	0.042	0.034	0.050			
	mU/ml=IU/l	38.5	30.8	46.2	Siemens Immulite 1000		
	IU/ml	0.039	0.031	0.047			
	mU/ml=IU/l	10.3	8.24	12.4	Beckman Dxl800		
	IU/ml	0.010	0.008	0.012			
	mU/ml=IU/l	8.95	7.16	10.7	Diasorin Liaison		
	IU/ml	0.009	0.007	0.011			
	mU/ml=IU/l	13.6	10.9	16.3	Roche Cobas Core EIA		
	IU/ml	0.014	0.011	0.017			
	mU/ml=IU/l	10.2	8.16	12.2	Beckman Access		
	IU/ml	0.010	0.008	0.012			
	mU/ml=IU/l	24.2	19.4	29.0	Tosoh Series		
	IU/ml	0.024	0.019	0.029			
	mU/ml=IU/l	26.8	21.4	32.2	Vitros Eci		
	IU/ml	0.027	0.021	0.033			
	mU/ml=IU/l	10.6	8.48	12.7	Roche STAT (Intact)		
	IU/ml	0.011	0.008	0.014			
	mU/ml=IU/l	13.7	11.0	16.4	Roche hCG+Beta		
	IU/ml	0.014	0.011	0.017			
	mU/ml=IU/l	26.1	20.9	31.3	SNIBE Maglumi Analysers		
	IU/ml	0.026	0.021	0.031			
	mU/ml=IU/l	6.85	5.48	8.22	Fujirebio Lumipulse G Series		
	IU/ml	0.007	0.005	0.009			
	mU/ml=IU/l	10.3	8.24	12.4	Beckman Access Total BhCG (5th IS)		
	IU/ml	0.010	0.008	0.012			
	mU/ml=IU/l	10.3	8.24	12.4	Beckman Dxl Total BhCG (5th IS)		
	IU/ml	0.010	0.008	0.012			
	mU/ml=IU/l	11.1	6.66	15.5	Siemens Centaur CP		
	IU/ml	0.011	0.007	0.016			
	mU/ml=IU/l	8.69	6.95	10.4	Diasorin Liaison XL		
	IU/ml	0.009	0.007	0.011			
总 T3	nmol/l	0.713	0.535	0.891	Abbott Architect		
	ng/ml	0.464	0.348	0.580			
	ng/dl	46.4	34.8	58.0			
	nmol/l	0.444	0.333	0.555	BioMerieux Vidas		
	ng/ml	0.289	0.217	0.361			
	ng/dl	28.9	21.7	36.1			



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
总 T3	nmol/l	0.449	0.337	0.561	Siemens Centaur XP/XPT/Classic		
	ng/ml	0.292	0.219	0.365			
	ng/dl	29.2	21.9	36.5			
	nmol/l	0.616	0.462	0.770	Siemens Immulite 2000/2500		
	ng/ml	0.401	0.301	0.501			
	ng/dl	40.1	30.1	50.1			
	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	0.902	0.677	1.13	Beckman Dxl800		
	ng/ml	0.587	0.441	0.733			
	ng/dl	58.7	44.1	73.3			
	nmol/l	1.22	0.915	1.53	Roche Elecsys		
	ng/ml	0.794	0.596	0.992			
	ng/dl	79.4	59.6	99.2			
	nmol/l	1.05	0.788	1.31	Beckman Access		
	ng/ml	0.684	0.513	0.855			
	ng/dl	68.4	51.3	85.5			
	nmol/l	0.462	0.347	0.578	Tosoh Series		
	ng/ml	0.301	0.226	0.376			
	ng/dl	30.1	22.6	37.6			
	nmol/l	0.645	0.484	0.806	Vitros ECI		
	ng/ml	0.420	0.315	0.525			
	ng/dl	42.0	31.5	52.5			
	nmol/l	0.581	0.436	0.726	CIS RIA Coated tube		
	ng/ml	0.378	0.284	0.472			
	ng/dl	37.8	28.4	47.2			
	nmol/l	1.15	0.863	1.44	Roche Cobas E411		
	ng/ml	0.749	0.562	0.936			
	ng/dl	74.9	56.2	93.6			
	nmol/l	0.980	0.735	1.23	Roche Cobas 6000/8000		
	ng/ml	0.638	0.478	0.798			
	ng/dl	63.8	47.8	79.8			
	nmol/l	0.879	0.659	1.10	Diasorin Liaison XL		
	ng/ml	0.572	0.429	0.715			
	ng/dl	57.2	42.9	71.5			
总 T4	nmol/l	32.0	24.0	40.0	Abbott Architect		
	µg/dl	2.50	1.87	3.13			
	ng/ml	25.0	18.7	31.3			
	nmol/l	29.0	21.8	36.3	BioMerieux Vidas		
	µg/dl	2.26	1.70	2.82			
	ng/ml	22.6	17.0	28.2			
	nmol/l	22.0	15.4	28.6	Siemens Centaur XP/XPT/Classic		
	µg/dl	1.72	1.20	2.24			
	ng/ml	17.2	12.0	22.4			



免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28

范围					
分析物	单位	靶值	低值	高值	方法学
总 T4	nmol/l	23.3	17.5	29.1	Siemens Immulite 2000/2500
	µg/dl	1.82	1.37	2.27	
	ng/ml	18.2	13.7	22.7	
	nmol/l	22.8	17.1	28.5	Siemens Immulite 1000
	µg/dl	1.78	1.33	2.23	
	ng/ml	17.8	13.3	22.3	
	nmol/l	16.9	12.7	21.1	Beckman Dxl800
	µg/dl	1.32	0.991	1.65	
	ng/ml	13.2	9.91	16.5	
	nmol/l	36.7	27.5	45.9	Roche Elecsys
	µg/dl	2.86	2.15	3.57	
	ng/ml	28.6	21.5	35.7	
	nmol/l	21.6	16.2	27.0	Beckman Access
	µg/dl	1.68	1.26	2.10	
	ng/ml	16.8	12.6	21.0	
	nmol/l	25.0	18.8	31.3	Tosoh Series
	µg/dl	1.95	1.47	2.43	
	ng/ml	19.5	14.7	24.3	
	nmol/l	27.5	20.6	34.4	Vitros ECi
	µg/dl	2.15	1.61	2.69	
	ng/ml	21.5	16.1	26.9	
	nmol/l	29.1	21.8	36.4	CIS RIA Coated tube
	µg/dl	2.27	1.70	2.84	
	ng/ml	22.7	17.0	28.4	
	nmol/l	36.9	27.7	46.1	Roche Cobas E411
	µg/dl	2.88	2.16	3.60	
	ng/ml	28.8	21.6	36.0	
	nmol/l	36.3	27.2	45.4	Roche Cobas 6000/8000
	µg/dl	2.83	2.12	3.54	
	ng/ml	28.3	21.2	35.4	
	nmol/l	29.9	22.4	37.4	Immunotech IRMA
	µg/dl	2.33	1.75	2.91	
	ng/ml	23.3	17.5	29.1	
	nmol/l	32.4	24.3	40.5	ELISA
	µg/dl	2.53	1.90	3.16	
	ng/ml	25.3	19.0	31.6	
	nmol/l	20.8	15.6	26.0	Boditech Med Inc i-CHROMA
	µg/dl	1.62	1.22	2.02	
	ng/ml	16.2	12.2	20.2	
	nmol/l	21.4	15.0	27.8	Siemens Centaur CP
	µg/dl	1.67	1.17	2.17	
	ng/ml	16.7	11.7	21.7	
	nmol/l	33.8	25.4	42.3	Diasorin Liaison XL
	µg/dl	2.64	1.98	3.30	
	ng/ml	26.4	19.8	33.0	



免疫质控品-水平1

货号：IA3109 / IA3112		批号：1937EC		规格：12 x 5 ml / 4 x 5 ml		效期：2022-12-28	
范围							
分析物	单位	靶值	低值	高值	方法学		
丙戊酸	μmol/l	155	124	186	Abbott Architect		
	μg/ml	22.4	17.9	26.9			
	μmol/l	203	142	264	Siemens Centaur XP/XPT/Classic		
	μg/ml	29.3	20.5	38.1			
	μmol/l	181	145	217	Siemens Dimension		
	μg/ml	26.1	20.9	31.3			
	μmol/l	165	132	198	Siemens Immulite 2000/2500		
	μg/ml	23.8	19.0	28.6			
	μmol/l	183	146	220	Siemens Immulite 1000		
	μg/ml	26.4	21.1	31.7			
	μmol/l	195	156	234	Roche Integra		
	μg/ml	28.1	22.5	33.7			
	μmol/l	183	146	220	干化学法 Vitros		
	μg/ml	26.4	21.1	31.7			
	μmol/l	191	153	229	Roche Cobas E411		
	μg/ml	27.6	22.1	33.1			
	μmol/l	195	156	234	Roche Cobas 6000/8000		
	μg/ml	28.1	22.5	33.7			
	μmol/l	194	155	233	Beckman DxC		
	μg/ml	28.0	22.4	33.6			
μmol/l	198	158	238	Beckman AU400/600/640/2700/5400			
μg/ml	28.6	22.8	34.4				
μmol/l	201	161	241	Siemens ADVIA 1200/1650/1800/2400			
μg/ml	29.0	23.2	34.8				
μmol/l	243	194	292	重量测定法			
μg/ml	35.1	28.0	42.1				
万古霉素	μmol/l	3.68	2.94	4.42	干化学法Ortho Vitros Microslide Systems		
	μg/ml	5.47	4.37	6.57			
	μmol/l	3.09	2.47	3.71	Abbott Architect		
	μg/ml	4.59	3.67	5.51			
	μmol/l	2.23	1.67	2.79	Siemens Centaur XP/XPT/Classic		
	μg/ml	3.31	2.48	4.14			
	μmol/l	3.04	2.43	3.65	Siemens Dimension		
	μg/ml	4.52	3.61	5.43			
	μmol/l	3.19	2.55	3.83	Roche Cobas 6000/8000		
	μg/ml	4.74	3.79	5.69			
	μmol/l	2.74	2.19	3.29	Beckman DxC		
	μg/ml	4.07	3.25	4.89			
μmol/l	3.43	2.74	4.12	Gravimetric			
μg/ml	5.10	4.07	6.12				
维生素 B12	pmol/l	138	110	166	Abbott Architect		
	pg/ml	187	149	225			
	pmol/l	121	84.7	157	Siemens Centaur XP/XPT/Classic		
	pg/ml	164	115	213			
	pmol/l	121	96.8	145	Siemens Immulite 1000		
	pg/ml	164	131	197			



免疫质控品-水平1

货号：IA3109 / IA3112 批号：1937EC 规格：12 x 5 ml / 4 x 5 ml 效期：2022-12-28

范围					
分析物	单位	靶值	低值	高值	方法学
维生素 B12	pmol/l	86.2	69.0	103	Beckman Dxl800
	pg/ml	117	93.5	141	
	pmol/l	138	110	166	Roche Elecsys
	pg/ml	187	149	225	
	pmol/l	86.8	69.4	104	Beckman Access
	pg/ml	118	94.0	142	
	pmol/l	122	97.6	146	Tosoh Series
	pg/ml	165	132	198	
	pmol/l	133	106	160	Vitros ECI
	pg/ml	180	144	216	
	pmol/l	100	80.0	120	Siemens Dimension
	pg/ml	136	108	164	
	pmol/l	115	80.5	149	Siemens Centaur CP
	pg/ml	156	109	203	