

## 免疫质控品

货号: IA3110  
批号: 1644EC

包装: 12 x 5 ml  
效期: 2019-04

### 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°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。

### 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 $\pm$ 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](http://www.randox.com) 进行下载。

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC			效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD	
分析物	单位	靶值	低值	高	方法学	
17-羟基孕酮	nmol/l	10.1	7.58	12.6	DIAsource RIA	
	ng/ml	3.34	2.51	4.17		
25-OH-维生素 D	nmol/l	55.9	41.9	69.9	Diasorin Liaison	
	nmol/l	83.3	62.5	104	Siemens Centaur XP/XPT/Classic	
	nmol/l	38.6	29.0	48.3	Roche Vitamin D Total	
	nmol/l	49.8	37.4	62.3	Abbott Architect	
	nmol/l	69.7	52.3	87.1	Vitros ECi	
	nmol/l	64.1	48.1	80.1	BioMerieux Vidas	
促肾上腺皮质激素	pmol/l	4.39	3.29	5.49	Siemens Immulite 2000/2500	
	pg/ml	20.0	15.0	25.0		
醛固酮	pmol/l	160	120	200	Diasorin Liaison	
	pg/ml	57.7	43.3	72.1		
甲胎蛋白 (AFP)	KIU/l = IU/ml	51.0	40.8	61.2	BioMerieux Vidas	
	ng/ml	61.7	49.4	74.0		
	KIU/l = IU/ml	62.1	49.7	74.5	Roche Elecsys	
	ng/ml	75.1	60.1	90.1		
	KIU/l = IU/ml	56.8	45.4	68.2	Beckman Access	
	ng/ml	68.7	54.9	82.5		
	KIU/l = IU/ml	68.5	54.8	82.2	Vitros ECi	
	ng/ml	82.9	66.3	100		
	KIU/l = IU/ml	71.5	56.5	86.5	Siemens Centaur XP/XPT/Classic	
	ng/ml	86.5	68.3	105		
	KIU/l = IU/ml	53.6	42.9	64.3	Siemens Immulite 2000/2500	
	ng/ml	64.9	51.9	77.9		
	KIU/l = IU/ml	56.4	45.1	67.7	Abbott Architect	
	ng/ml	68.2	54.6	81.8		
	KIU/l = IU/ml	68.0	54.4	81.6	Diasorin Liaison	
	ng/ml	82.3	65.8	98.8		
KIU/l = IU/ml	60.6	48.5	72.7	Roche Modular E170		
ng/ml	73.3	58.7	87.9			
KIU/l = IU/ml	57.0	45.6	68.4	Beckman Dxl800		
ng/ml	69.0	55.2	82.8			
KIU/l = IU/ml	61.3	49.0	73.6	Roche Cobas 6000/8000		
ng/ml	74.2	59.3	89.1			
KIU/l = IU/ml	62.2	49.8	74.6	Roche Cobas E411		
ng/ml	75.3	60.3	90.3			
丁胺卡那霉素	μmol/l	15.2	12.2	18.3	Gravimetric	
	μg/ml	8.93	7.14	10.7		
雄烯二酮	nmol/l	13.6	10.2	17.0	Siemens Immulite 2000	
	ng/ml	3.90	2.93	4.87		
β-2-微球蛋白	μg/ml = mg/l	3.65	2.92	4.38	Siemens Immulite 1000	

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分析物	单位	靶值	低值	高值	方法学
β-2-微球蛋白	µg/ml = mg/l	3.63	2.90	4.36	Roche Tinaquant
	µg/ml = mg/l	3.34	2.67	4.01	Siemens Immulite 2000/2500
	µg/ml = mg/l	3.80	3.04	4.56	Abbott Architect
	µg/ml = mg/l	3.62	2.90	4.34	Roche Cobas 6000/8000
C-肽	nmol/l	1.420	1.070	1.780	Siemens Immulite 2000/2500
	ng/ml	4.29	3.23	5.35	
	nmol/l	1.650	1.240	2.060	Roche Cobas 6000/8000
	ng/ml	4.98	3.74	6.22	
	nmol/l	1.660	1.250	2.080	Roche Cobas E411
	ng/ml	5.01	3.77	6.25	
CA 15-3	U/ml	41.4	33.1	49.7	Roche Elecsys
	U/ml	38.0	30.4	45.6	BioMerieux Vidas
	U/ml	41.1	27.9	54.3	Siemens Centaur XP/XPT/Classic
	U/ml	44.4	35.5	53.3	Abbott Architect
	U/ml	55.9	44.7	67.1	Siemens Immulite 2000/2500
	U/ml	38.7	32.4	45.0	Vitros ECI
	U/ml	39.6	31.7	47.5	Roche Modular E170
	U/ml	23.9	19.1	28.7	Beckman Access
	U/ml	23.2	18.6	27.8	Beckman Dxl800
	U/ml	40.3	32.2	48.4	Roche Cobas 6000/8000
	U/ml	41.3	33.0	49.6	Roche Cobas E411
CA 19-9	U/ml	171	137	205	BioMerieux Vidas
	U/ml	66.3	53.0	79.6	Roche Elecsys
	U/ml	267	182	352	Siemens Centaur XP/XPT/Classic
	U/ml	98.8	79.0	119	Siemens Immulite 2000/2500
	U/ml	738	590	886	Abbott Architect
	U/ml	175	140	210	Vitros ECI
	U/ml	66.6	53.3	79.9	Roche Modular E170
	U/ml	99.0	79.2	119	Beckman Access
	U/ml	95.7	76.6	115	Beckman Dxl800
	U/ml	726	581	871	Abbott Architect XR/XR2 kit
	U/ml	69.1	55.3	82.9	Roche Cobas 6000/8000
	U/ml	71.7	57.4	86.0	Roche Cobas E411
	U/ml	272	185	359	Siemens Centaur CP
CA125	U/ml	124	99.0	149	Siemens Immulite 1000
	U/ml	111	88.8	133	BioMerieux Vidas
	U/ml	107	85.6	128	Roche Elecsys
	U/ml	110	88.0	132	Siemens Immulite 2000/2500
	U/ml	105	84.0	126	Vitros ECI
	U/ml	108	86.4	130	Roche Modular E170
	U/ml	144	115	173	Abbott Architect
	U/ml	120	81.6	158	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	96.3	77.0	116	Beckman Dxl800
	U/ml	109	87.2	131	Roche Cobas E411

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规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高	方法学
CA125	U/ml	108	86.4	130	Roche Cobas 6000/8000
立痛定 (卡马西平)	μmol/l	37.9	30.3	45.5	Vitros
	μg/ml	8.96	7.16	10.8	
	μmol/l	45.3	31.7	58.9	Siemens Centaur XP/XPT/Classic
	μg/ml	10.7	7.49	13.9	
	μmol/l	40.3	32.2	48.4	Roche Integra
	μg/ml	9.53	7.61	11.5	
	μmol/l	34.4	27.5	41.3	Siemens Immulite 2000/2500
	μg/ml	8.13	6.50	9.76	
	μmol/l	38.5	30.8	46.2	Abbott Architect
	μg/ml	9.10	7.28	10.9	
	μmol/l	38.2	30.6	45.8	Beckman DxC
	μg/ml	9.03	7.23	10.8	
	μmol/l	40.0	32.0	48.0	Roche Cobas E411
	μg/ml	9.46	7.56	11.4	
癌胚抗原 (CEA)	μmol/l	36.8	29.4	44.2	Roche Cobas 6000/8000
	μg/ml	8.70	6.95	10.5	
	μmol/l	38.5	30.8	46.2	Gravimetric
	μg/ml	9.10	7.28	10.9	
	ng/ml = μg/l	16.7	13.4	20.0	BioMerieux Vidas
	ng/ml = μg/l	24.4	19.5	29.3	Siemens Immulite 1000
	ng/ml = μg/l	17.5	14.0	21.0	Roche Elecsys
	ng/ml = μg/l	18.7	15.0	22.4	Vitros ECi
	ng/ml = μg/l	16.2	13.0	19.4	Beckman Access
	ng/ml = μg/l	17.9	12.2	23.6	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	23.9	19.1	28.7	Siemens Immulite 2000/2500
	ng/ml = μg/l	19.4	15.5	23.3	Abbott Architect
	ng/ml = μg/l	15.0	12.0	18.0	Diasorin Liaison
	ng/ml = μg/l	16.7	13.4	20.0	Roche Modular E170
ng/ml = μg/l	15.6	12.5	18.7	Beckman Dxl800	
ng/ml = μg/l	16.9	13.5	20.3	Roche Cobas 6000/8000	
ng/ml = μg/l	17.2	13.8	20.6	Roche Cobas E411	
皮质醇	nmol/l	534	401	668	BioMerieux Vidas
	μg/dl	19.2	14.4	24.0	
	nmol/l	611	458	764	Siemens Immulite 1000
	μg/dl	22.0	16.5	27.5	
	nmol/l	684	513	855	Roche Elecsys
	μg/dl	24.6	18.5	30.7	
	nmol/l	636	477	795	Beckman Access
	μg/dl	22.9	17.2	28.6	
	nmol/l	644	444	844	Siemens Centaur XP/XPT/Classic
	μg/dl	23.2	16.0	30.4	
	nmol/l	588	441	735	Siemens Immulite 2000/2500
	μg/dl	21.2	15.9	26.5	
	nmol/l	550	413	688	Vitros ECi
	μg/dl	19.8	14.9	24.7	

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分析物	单位	靶值	低值	高	方法学
皮质醇	nmol/l	516	387	645	Abbott Architect
	µg/dl	18.6	13.9	23.3	
	nmol/l	569	427	711	Diasorin Liaison
	µg/dl	20.5	15.4	25.6	
	nmol/l	625	469	781	Roche Modular E170
	µg/dl	22.5	16.9	28.1	
	nmol/l	566	425	708	Beckman DxI800
	µg/dl	20.4	15.3	25.5	
	nmol/l	585	439	731	Roche Cobas 6000/8000
	µg/dl	21.1	15.8	26.4	
	nmol/l	607	455	759	Roche Cobas E411
	µg/dl	21.9	16.4	27.4	
	nmol/l	674	465	883	Siemens Centaur CP
	µg/dl	24.3	16.8	31.8	
	nmol/l	543	407	679	Roche Modular E170 Gen II
	µg/dl	19.5	14.7	24.3	
nmol/l	559	419	699	Roche Cobas 4000/e411 Gen II	
µg/dl	20.1	15.1	25.1		
nmol/l	536	402	670	Roche Cobas 6000/8000 Gen II	
µg/dl	19.3	14.5	24.1		
去表雄酮硫酸盐	µmol/l	13.9	11.1	16.7	Siemens Immulite 1000
	µmol/l	12.0	9.60	14.4	Siemens Immulite 2000/2500
	µmol/l	15.7	12.6	18.8	Roche Elecsys
	µmol/l	15.4	12.3	18.5	Roche Modular E170
	µmol/l	13.5	10.8	16.2	Abbott Architect
	µmol/l	12.4	9.92	14.9	Beckman DxI800
	µmol/l	15.7	12.6	18.8	Roche Cobas E411
	µmol/l	16.2	13.0	19.4	Roche Cobas 6000/8000
地高辛	nmol/l	2.75	2.20	3.30	Vitros
	ng/ml	2.15	1.72	2.58	
	nmol/l	3.26	2.61	3.91	Siemens Immulite 2000/2500
	ng/ml	2.55	2.04	3.06	
	nmol/l	3.19	2.46	3.92	Siemens Centaur XP/XPT/Classic
	ng/ml	2.49	1.92	3.06	
	nmol/l	2.50	2.00	3.00	Abbott Architect
	ng/ml	1.95	1.56	2.34	
	nmol/l	2.96	2.37	3.55	Siemens Dimension
	ng/ml	2.31	1.85	2.77	
	nmol/l	3.12	2.50	3.74	Beckman DxI800
	ng/ml	2.44	1.95	2.93	
	nmol/l	3.24	2.59	3.89	Roche Cobas 6000/8000
	ng/ml	2.53	2.02	3.04	
	nmol/l	3.32	2.66	3.98	Roche Cobas 4000/E411
	ng/ml	2.59	2.08	3.10	
nmol/l	3.07	2.46	3.69	Gravimetric	
ng/ml	2.40	1.92	2.88		

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分析物	单位	靶值	低值	高值	方法学	
乙琥胺	μmol/l	360	288	432	Gravimetric	
	μg/ml	51.0	40.8	61.2		
血清铁蛋白	ng/ml = μg/l	77.4	61.9	92.9	BioMerieux Vidas	
	ng/ml = μg/l	80.1	64.1	96.1	Siemens Immulite 1000	
	ng/ml = μg/l	96.8	77.4	116	Roche Elecsys	
	ng/ml = μg/l	65.1	52.1	78.1	Beckman Access	
	ng/ml = μg/l	59.6	47.7	71.5	Vitros Eci	
	ng/ml = μg/l	92.6	69.5	116	Siemens Centaur XP/XPT/Classic	
	ng/ml = μg/l	89.3	71.4	107	Siemens Immulite 2000/2500	
	ng/ml = μg/l	112	89.6	134	Abbott Architect	
	ng/ml = μg/l	92.5	74.0	111	Diasorin Liaison	
	ng/ml = μg/l	97.6	78.1	117	Roche Modular E170	
	ng/ml = μg/l	91.3	73.0	110	Siemens Dimension	
	ng/ml = μg/l	66.1	52.9	79.3	Beckman Dxl800	
	ng/ml = μg/l	95.7	76.6	115	Roche Cobas E411	
	ng/ml = μg/l	83.3	66.6	100	Beckman AU400/600/640/2700/5400	
ng/ml = μg/l	92.6	69.5	116	Siemens Centaur CP		
叶酸	nmol/l	47.3	35.9	58.7	Roche Elecsys	
	ng/ml	20.9	15.8	26.0		
	nmol/l	52.7	40.1	65.3	Siemens Immulite 2000	
	ng/ml	23.2	17.7	28.7		
	nmol/l	45.2	34.4	56.0	Vitros Eci	
	ng/ml	19.9	15.2	24.6		
	nmol/l	48.6	36.9	60.3	Abbott Architect	
	ng/ml	21.4	16.3	26.5		
	nmol/l	49.0	37.2	60.8	Roche Cobas E411	
	ng/ml	21.6	16.4	26.8		
游离 T3	nmol/l	46.2	35.1	57.3	Roche Cobas 6000/8000	
	ng/ml	20.4	15.5	25.3		
	pmol/l	15.2	11.4	19.0	BioMerieux Vidas	
	ng/dl	0.988	0.741	1.24		
	pg/ml	9.90	7.42	12.4		
	pmol/l	16.8	12.6	21.0	Roche Elecsys	
	ng/dl	1.09	0.819	1.36		
	pg/ml	10.9	8.20	13.6		
	pmol/l	12.3	9.23	15.4	Beckman Access	
	ng/dl	0.800	0.600	1.00		
pg/ml	8.01	6.01	10.0			
pmol/l	33.2	24.9	41.5	Vitros Eci		
ng/dl	2.16	1.62	2.70			
pg/ml	21.6	16.2	27.0			
pmol/l	15.0	9.00	21.0	Siemens Centaur XP/XPT/Classic		
ng/dl	0.975	0.585	1.37			
pg/ml	9.77	5.86	13.7			
pmol/l	10.8	8.10	13.5	Siemens Immulite 2000/2500		
ng/dl	0.702	0.527	0.877			
pg/ml	7.03	5.27	8.79			

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分析物	单位	靶值	低值	高	方法学
游离 T3	pmol/l	13.1	9.83	16.4	Abbott Architect
	ng/dl	0.852	0.639	1.07	
	pg/ml	8.53	6.40	10.7	
	pmol/l	16.4	12.3	20.5	Roche Modular E170
	ng/dl	1.07	0.800	1.34	
	pg/ml	10.7	8.01	13.4	
	pmol/l	11.2	8.40	14.0	Beckman Dxl800
	ng/dl	0.728	0.546	0.910	
	pg/ml	7.29	5.47	9.11	
	pmol/l	16.5	12.4	20.6	Roche Cobas E411
	ng/dl	1.07	0.806	1.33	
	pg/ml	10.7	8.07	13.3	
pmol/l	16.7	12.5	20.9	Roche Cobas 6000/8000	
ng/dl	1.09	0.813	1.37		
pg/ml	10.9	8.14	13.7		
pmol/l	14.5	8.70	20.3	Siemens Centaur CP	
ng/dl	0.943	0.566	1.32		
pg/ml	9.44	5.66	13.2		
游离 T4	pmol/l	47.8	35.9	59.8	Siemens Immulite 1000
	ng/dl	3.73	2.80	4.66	
	pg/ml	37.3	28.0	46.6	
	pmol/l	48.0	36.0	60.0	Roche Elecsys
	ng/dl	3.74	2.81	4.67	
	pg/ml	37.4	28.1	46.7	
	pmol/l	40.8	30.6	51.0	Beckman Access
	ng/dl	3.18	2.39	3.97	
	pg/ml	31.8	23.9	39.7	
	pmol/l	87.8	65.9	110	Vitros ECI
	ng/dl	6.85	5.14	8.56	
	pg/ml	68.5	51.4	85.6	
	pmol/l	33.7	25.3	42.1	Siemens Centaur XP/XPT/Classic
	ng/dl	2.63	1.97	3.29	
	pg/ml	26.3	19.7	32.9	
	pmol/l	46.7	35.0	58.4	Siemens Immulite 2000/2500
	ng/dl	3.64	2.73	4.55	
	pg/ml	36.4	27.3	45.5	
pmol/l	32.2	24.2	40.3	Abbott Architect	
ng/dl	2.51	1.89	3.13		
pg/ml	25.1	18.9	31.3		
pmol/l	60.4	45.3	75.5	Diasorin Liaison	
ng/dl	4.71	3.53	5.89		
pg/ml	47.1	35.3	58.9		
pmol/l	47.5	35.6	59.4	Roche Modular E170	
ng/dl	3.71	2.78	4.64		
pg/ml	37.1	27.8	46.4		

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC			效期: 2019-04		
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD		
分析物	单位	靶值	低值	高	方法学		
游离 T4	pmol/l	42.5	31.9	53.1	Beckman Dxl800		
	ng/dl	3.32	2.49	4.15			
	pg/ml	33.2	24.9	41.5			
	pmol/l	47.3	35.5	59.1	Roche Cobas 6000/8000		
	ng/dl	3.69	2.77	4.61			
	pg/ml	36.9	27.7	46.1			
	pmol/l	47.2	35.4	59.0	Roche Cobas E411		
	ng/dl	3.68	2.76	4.60			
	pg/ml	36.8	27.6	46.0			
	pmol/l	33.2	24.9	41.5	Monobind Inc. ELISA / CLIA		
	ng/dl	2.59	1.94	3.24			
	pg/ml	25.9	19.4	32.4			
卵泡刺激素 (FSH)	pmol/l	51.1	38.3	63.9	Biomerieux Vidas FT4N Kit		
	ng/dl	3.99	2.99	4.99			
	pg/ml	39.9	29.9	49.9			
	pmol/l	35.2	26.4	44.0	Siemens Centaur CP		
	ng/dl	2.75	2.06	3.44			
	pg/ml	27.5	20.6	34.4			
	mU/ml	25.3	20.2	30.4	Siemens Immulite 1000		
	mU/ml	36.5	29.2	43.8	BioMerieux Vidas		
	mU/ml	30.6	24.5	36.7	Beckman Access		
	mU/ml	27.2	21.8	32.6	Roche/BM Elecsys		
	mU/ml	21.7	17.4	26.0	Vitros ECi		
	mU/ml	36.4	27.3	45.5	Siemens Centaur XP/XPT/Classic		
mU/ml	26.4	21.1	31.7	Siemens Immulite 2000/2500			
mU/ml	24.3	19.4	29.2	Abbott Architect			
mU/ml	34.8	27.8	41.8	Diasorin Liaison			
mU/ml	26.5	21.2	31.8	Roche Modular E170			
mU/ml	30.3	24.2	36.4	Beckman Dxl800			
mU/ml	28.7	23.0	34.4	Roche Cobas E411			
mU/ml	27.0	21.6	32.4	Roche Cobas 6000/8000			
mU/ml	31.5	23.6	39.4	Siemens Centaur CP			
庆大霉素	μmol/l	7.73	6.18	9.28	Roche Integra		
	μg/ml	3.69	2.95	4.43			
	μmol/l	8.46	6.77	10.2	Beckman DxC		
	μg/ml	4.04	3.24	4.84			
	μmol/l	8.16	6.53	9.79	Gravimetric		
	μg/ml	3.90	3.12	4.68			
	生长激素 (GH)	μU/ml	18.4	14.7	22.1	Siemens Immulite 1000	
		ng/ml	6.13	4.90	7.36		
μU/ml		20.9	16.7	25.1	Siemens Immulite 2000/2500		
ng/ml		6.96	5.56	8.36			
	μU/ml	15.9	12.7	19.1	Beckman Dxl800		
	ng/ml	5.29	4.23	6.35			
	μU/ml	18.5	14.8	22.2	Diasorin Liaison		
	ng/ml	6.16	4.93	7.39			



## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC		效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
生长激素 (GH)	μU/ml	15.4	12.3	18.5	Roche Cobas E411
	ng/ml	5.13	4.10	6.16	
	μU/ml	15.3	12.2	18.4	Roche Cobas 6000/8000
	ng/ml	5.09	4.06	6.12	
	μU/ml	18.9	15.1	22.7	IDS iSYS
	ng/ml	6.29	5.03	7.55	
免疫球蛋白 E	KIU/I = IU/ml	107	85.6	128	Siemens Immulite 1000
	KIU/I = IU/ml	84.1	67.3	101	BioMerieux Vidas
	KIU/I = IU/ml	93.8	75.0	113	Roche Elecsys
	KIU/I = IU/ml	89.4	53.6	125	Siemens Centaur XP/XPT/Classic
	KIU/I = IU/ml	99.0	79.2	119	Siemens Immulite 2000/2500
	KIU/I = IU/ml	101	80.8	121	Roche Modular E170
	KIU/I = IU/ml	90.9	72.7	109	Beckman Dxl800
	KIU/I = IU/ml	82.0	65.6	98.4	Abbott Architect
	KIU/I = IU/ml	95.2	76.2	114	Roche Cobas E411
	KIU/I = IU/ml	97.1	77.7	117	Roche Cobas 6000/8000
胰岛素	mU/l	8.96	6.72	11.2	Siemens Centaur XP/XPT/Classic
	pmol/l	62.2	46.7	77.7	
	mU/l	5.13	3.85	6.41	Roche Modular E170
	pmol/l	35.6	26.7	44.5	
	mU/l	2.05	1.54	2.56	Siemens Immulite 2000
	pmol/l	14.2	10.7	17.7	
	mU/l	5.54	4.16	6.93	Roche Elecsys
	pmol/l	38.5	28.9	48.1	
	mU/l	6.19	4.64	7.74	Beckman Access
	pmol/l	43.0	32.2	53.8	
	mU/l	6.36	4.77	7.95	Abbott Architect
	pmol/l	44.2	33.1	55.3	
	mU/l	5.36	4.02	6.70	Roche Cobas E411
	pmol/l	37.2	27.9	46.5	
	mU/l	5.35	4.01	6.69	Roche Cobas 6000/8000
	pmol/l	37.2	27.8	46.6	
	mU/l	5.89	4.42	7.36	Beckman Dxl 600/800
	pmol/l	40.9	30.7	51.1	
	mU/l	6.55	4.91	8.19	Diasorin Liaison
	pmol/l	45.5	34.1	56.9	
mU/l	8.62	6.47	10.8	Siemens Centaur CP	
pmol/l	59.9	44.9	74.9		
促黄体生成素 (LH)	mU/ml	23.9	19.1	28.7	Beckman Access
	mU/ml	26.2	21.0	31.4	BioMerieux Vidas
	mU/ml	40.4	32.3	48.5	Siemens Immulite 1000
	mU/ml	30.2	24.2	36.2	Roche Elecsys
	mU/ml	39.7	31.8	47.6	Vitros ECi
	mU/ml	32.4	24.9	39.9	Siemens Centaur XP/XPT/Classic
	mU/ml	38.8	31.0	46.6	Siemens Immulite 2000
	mU/ml	24.7	19.8	29.6	Abbott Architect

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC		效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高	方法学
促黄体生成素 (LH)	mU/ml	37.3	29.8	44.8	Diasorin Liaison
	mU/ml	30.4	24.3	36.5	Roche Modular E170
	mU/ml	22.8	18.2	27.4	Beckman Dxl800
	mU/ml	30.3	24.2	36.4	Roche Cobas E411
	mU/ml	30.2	24.2	36.2	Roche Cobas 6000/8000
	mU/ml	31.4	24.2	38.6	Siemens Centaur CP
雌二醇 (E2)	pmol/l	1158	926	1390	BioMerieux Vidas
	pg/ml	315	252	378	
	pmol/l	1222	978	1466	Siemens Immulite 1000
	pg/ml	332	266	398	
	pmol/l	680	544	816	Roche Elecsys (Estradiol II)
	pg/ml	185	148	222	
	pmol/l	989	791	1187	Vitros ECI
	pg/ml	269	215	323	
	pmol/l	1067	854	1280	Beckman Access
	pg/ml	290	232	348	
	pmol/l	1031	825	1237	Siemens Immulite 2000/2500
	pg/ml	280	224	336	
	pmol/l	627	502	752	Abbott Architect
	pg/ml	171	137	205	
	pmol/l	918	734	1102	Beckman Dxl800
	pg/ml	250	200	300	
	pmol/l	664	531	797	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	181	144	218	
	pmol/l	670	536	804	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	182	146	218	
pmol/l	943	566	1320	Siemens Centaur XP/XPT/Classic Enhanced (eE2)	
pg/ml	256	154	358		
pmol/l	685	548	822	Roche Cobas 6000/8000 (Estradiol III)	
pg/ml	186	149	223		
pmol/l	688	550	826	Roche Elecsys (Estradiol III)	
pg/ml	187	150	224		
pmol/l	677	542	812	Roche Cobas 4000/E411 (Estradiol III)	
pg/ml	184	147	221		
pmol/l	681	545	817	Roche Modular E170 (Estradiol III)	
pg/ml	185	148	222		
扑热息痛	mmol/l	0.350	0.280	0.420	Abbott Architect
	mg/l	53.0	42.4	63.6	
	mmol/l	0.393	0.310	0.470	Beckman DxC
	mg/l	59.5	46.9	71.1	
	mmol/l	0.348	0.280	0.420	Gravimetric
mg/l	52.6	42.4	63.5		
苯巴比妥	μmol/l	85.1	68.1	102	Abbott Architect
	μg/ml	19.7	15.8	23.6	
	μmol/l	76.1	60.9	91.3	Siemens Immulite 2000/2500
	μg/ml	17.7	14.1	21.3	

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC		效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高	方法学
苯巴比妥	μmol/l	81.6	65.3	97.9	Beckman AU400/600/640/2700/5400
	μg/ml	18.9	15.1	22.7	
	μmol/l	98.0	70.6	125	Siemens Centaur XP/XPT/Classic
	μg/ml	22.7	16.3	29.1	
	μmol/l	77.6	62.1	93.1	
μg/ml	18.0	14.4	21.6	Gravimetric	
苯妥英钠	μmol/l	79.1	61.7	96.5	Siemens Centaur XP/XPT/Classic
	μg/ml	20.0	15.6	24.4	Vitros
	μmol/l	72.2	57.8	86.6	
	μg/ml	18.2	14.6	21.8	
	μmol/l	68.9	55.1	82.7	Roche Integra
	μg/ml	17.4	13.9	20.9	Siemens Immulite 2000/2500
	μmol/l	67.9	54.3	81.5	
	μg/ml	17.1	13.7	20.5	
	μmol/l	73.3	58.6	88.0	Abbott Architect
	μg/ml	18.5	14.8	22.2	Beckman DxC
	μmol/l	67.5	54.0	81.0	
	μg/ml	17.0	13.6	20.4	
	μmol/l	71.7	57.4	86.0	Roche Cobas E411
	μg/ml	18.1	14.5	21.7	Roche Cobas 6000/8000
	μmol/l	70.3	56.2	84.4	
μg/ml	17.8	14.2	21.4		
μmol/l	71.3	57.0	85.5	Gravimetric	
μg/ml	18.0	14.4	21.6		
扑米酮	μmol/l	22.5	18.0	27.0	Gravimetric
	μg/ml	4.92	3.93	5.89	
孕酮	nmol/l	27.3	21.8	32.8	Siemens Immulite 1000
	ng/ml	8.54	6.82	10.3	BioMerieux Vidas
	nmol/l	40.7	32.6	48.8	
	ng/ml	12.7	10.2	15.2	
	nmol/l	33.1	26.5	39.7	Roche Elecsys
	ng/ml	10.4	8.29	12.5	Vitros ECI
	nmol/l	34.0	27.2	40.8	
	ng/ml	10.6	8.51	12.7	
	nmol/l	26.0	18.2	33.8	Siemens Centaur XP/XPT/Classic
	ng/ml	8.14	5.70	10.6	Siemens Immulite 2000/2500
	nmol/l	26.0	20.8	31.2	
	ng/ml	8.14	6.51	9.77	
	nmol/l	26.5	21.2	31.8	Abbott Architect
	ng/ml	8.29	6.64	9.94	Roche Modular E170
	nmol/l	32.4	25.9	38.9	
	ng/ml	10.1	8.11	12.1	
	nmol/l	33.5	26.8	40.2	Beckman Dxl Prog Cal 33555
	ng/ml	10.5	8.39	12.6	Diasorin Liaison
nmol/l	27.3	21.8	32.8		
ng/ml	8.54	6.82	10.3		

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC		效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高	方法学
孕酮	nmol/l	32.6	26.1	39.1	Roche Cobas E411
	ng/ml	10.2	8.17	12.2	
	nmol/l	32.0	25.6	38.4	Roche Cobas 6000/8000
	ng/ml	10.0	8.01	12.0	
	nmol/l	25.2	20.2	30.2	Beckman Dxl Prog DE Cal A80773
	ng/ml	7.89	6.32	9.46	
催乳素	μU/ml	697	558	836	Beckman Access
	μU/ml	896	717	1075	BioMerieux Vidas
	μU/ml	744	595	893	Siemens Immulite 1000
	μU/ml	812	650	974	Roche Elecsys
	μU/ml	696	557	835	Vitros Eci
	μU/ml	745	581	909	Siemens Centaur XP/XPT/Classic
	μU/ml	692	554	830	Siemens Immulite 2000/2500
	μU/ml	814	651	977	Abbott Architect
	μU/ml	818	654	982	Diasorin Liaison
	μU/ml	727	582	872	Roche Modular E170
	μU/ml	667	534	800	Beckman Dxl800
	μU/ml	758	606	910	Roche Elecsys/E170/Cobas 6000/8000 PRLII
	μU/ml	790	632	948	Roche Cobas E411
	μU/ml	752	602	902	Roche Cobas 6000/8000
	μU/ml	790	632	948	Abbott Architect restandardised
μU/ml	730	569	891	Siemens Centaur CP	
FP5A (游离)	ng/ml = μg/l	9.82	7.37	12.3	Siemens Immulite 2000/2500
	ng/ml = μg/l	10.8	8.10	13.5	Roche Elecsys
	ng/ml = μg/l	10.7	8.03	13.4	Abbott Architect
	ng/ml = μg/l	14.2	10.7	17.8	Beckman Access standardised to Hybritech
	ng/ml = μg/l	10.8	8.10	13.5	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	10.5	7.88	13.1	Roche Modular E170
	ng/ml = μg/l	13.8	10.4	17.3	Beckman DXI standardised to Hybritech
	ng/ml = μg/l	11.1	8.33	13.9	Roche Cobas E411
	ng/ml = μg/l	10.7	8.03	13.4	Roche Cobas 6000/8000
	ng/ml = μg/l	14.5	10.9	18.1	Beckman Access standardised to WHO IRP96/670
ng/ml = μg/l	9.17	6.88	11.5	Ortho Vitros 3600/5600/ECi PSA II	
TP5A (总)	ng/ml = μg/l	9.83	7.37	12.3	Siemens Immulite 1000 1st generation
	ng/ml = μg/l	17.2	12.9	21.5	Roche Elecsys
	ng/ml = μg/l	14.4	10.8	18.0	Beckman Access standardised to Hybritech
	ng/ml = μg/l	12.4	9.30	15.5	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	13.8	10.4	17.3	bioMerieux VIDAS TP5A
	ng/ml = μg/l	10.2	7.65	12.8	Siemens Immulite 2000/2500 1st generation
	ng/ml = μg/l	13.1	9.83	16.4	Abbott Architect
	ng/ml = μg/l	16.8	12.6	21.0	Vitros Eci
	ng/ml = μg/l	5.65	4.80	6.50	Diasorin Liaison
	ng/ml = μg/l	16.4	12.3	20.5	Roche Modular E170
	ng/ml = μg/l	14.3	10.7	17.9	Beckman Access standardised to WHO IRP96/670
	ng/ml = μg/l	14.4	10.8	18.0	Beckman Dxl standardisd to Hybritech
	ng/ml = μg/l	11.0	8.25	13.8	Beckman Dxl800 standardised to WHO IRP96/670

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC		效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
TPSA (总)	ng/ml = µg/l	17.1	12.8	21.4	Roche Cobas E411
	ng/ml = µg/l	16.2	12.2	20.3	Roche Cobas 6000/8000
	ng/ml = µg/l	15.6	11.7	19.5	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = µg/l	12.8	9.60	16.0	Siemens Centaur CP
水杨酸	mmol/l	1.24	0.992	1.49	Abbott Architect
	mg/dl	17.1	13.7	20.5	
	mmol/l	1.39	1.11	1.67	Beckman DxC
	mg/dl	19.2	15.3	23.1	
	mmol/l	1.22	0.980	1.47	Gravimetric
性激素结合球蛋白	nmol/l	54.1	43.3	64.9	Siemens Centaur XP/XPT/Classic
	nmol/l	39.3	31.4	47.2	Siemens Immulite 2000/2500
	nmol/l	37.6	30.1	45.1	Roche Elecsys
	nmol/l	36.5	29.2	43.8	Roche Modular E170
	nmol/l	40.0	32.0	48.0	Abbott Architect
	nmol/l	37.7	30.2	45.2	Roche Cobas E411
	nmol/l	36.5	29.2	43.8	Roche Cobas 6000/8000
	nmol/l	39.9	31.9	47.9	Beckman Access
甲状腺素结合力	%U	43.2	35.4	51.0	Siemens Immulite 2000
睾酮	nmol/l	25.8	20.6	31.0	Siemens Immulite 1000
	ng/ml	7.43	5.93	8.93	
	ng/dl	743	593	893	
	nmol/l	19.4	15.5	23.3	Vitros ECi
	ng/ml	5.59	4.46	6.72	
	ng/dl	559	446	672	
	nmol/l	13.0	9.10	16.9	Siemens Centaur XP/XPT/Classic
	ng/ml	3.74	2.62	4.86	
	ng/dl	374	262	486	
	nmol/l	20.6	16.5	24.7	Siemens Immulite 2000/2500
	ng/ml	5.93	4.75	7.11	
	ng/dl	593	475	711	
	nmol/l	14.6	11.7	17.5	Abbott Architect
	ng/ml	4.20	3.37	5.03	
	ng/dl	420	337	503	
	nmol/l	13.9	11.1	16.7	Beckman Access
	ng/ml	4.00	3.20	4.80	
	ng/dl	400	320	480	
	nmol/l	13.0	10.4	15.6	Beckman Dxl800
	ng/ml	3.74	3.00	4.48	
ng/dl	374	300	448		
nmol/l	16.0	12.8	19.2	Roche Elecsys Test II	
ng/ml	4.61	3.69	5.53		
ng/dl	461	369	553		
nmol/l	16.1	12.9	19.3	Roche Modular E170 Test II	
ng/ml	4.64	3.72	5.56		
ng/dl	464	372	556		

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC			效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD	
分析物	单位	靶值	低值	高	方法学	
睾酮	nmol/l	16.0	12.8	19.2	Roche Cobas 4000/e411 Test II	
	ng/ml	4.61	3.69	5.53		
	ng/dl	461	369	553		
	nmol/l	16.2	13.0	19.4	Roche Cobas 6000 Test 2	
	ng/ml	4.67	3.74	5.60		
	ng/dl	467	374	560		
	nmol/l	14.4	11.5	17.3	Abbott Architect 2nd Generation	
	ng/ml	4.15	3.31	4.99		
	ng/dl	415	331	499		
	nmol/l	11.8	9.44	14.2	BioMerieux Vidas Testosterone II	
	ng/ml	3.40	2.72	4.08		
	ng/dl	340	272	408		
茶碱	μmol/l	100	80.0	120	Vitros	
	μg/ml	18.0	14.4	21.6		
	μmol/l	90.6	72.5	109	Siemens Centaur XP/XPT/Classic	
	μg/ml	16.3	13.0	19.6		
	μmol/l	83.4	66.7	100	Abbott Architect	
	μg/ml	15.0	12.0	18.0		
	μmol/l	75.8	60.6	91.0	Beckman DxC	
	μg/ml	13.7	10.9	16.5		
	μmol/l	83.8	67.0	101	Gravimetric	
	μg/ml	15.1	12.1	18.2		
甲状腺球蛋白	ng/ml	16.7	12.5	20.9	Siemens Immulite 1000	
	ng/ml	15.8	11.9	19.8	Siemens Immulite 2000	
	ng/ml	30.2	22.7	37.8	Beckman Access	
	ng/ml	37.9	28.4	47.4	Roche Cobas E411	
	ng/ml	37.4	28.1	46.8	Roche Cobas 6000/8000	
	ng/ml	37.8	28.4	47.3	Roche Cobas 6000 TGII	
	ng/ml	37.2	27.9	46.5	Roche Elecsys TGII	
	ng/ml	39.8	29.9	49.8	Roche Cobas 4000/E411 TGII	
促甲状腺素 (TSH)	μU/ml = mIU/l	2.42	1.94	2.90	bioMerieux VIDAS TSH	
	μU/ml = mIU/l	2.38	1.90	2.86	Siemens Immulite 1000	
	μU/ml = mIU/l	2.41	1.93	2.89	Roche Elecsys	
	μU/ml = mIU/l	2.11	1.69	2.53	Beckman Access hyperTSH 3rd Generation	
	μU/ml = mIU/l	2.52	2.02	3.02	Vitros ECi	
	μU/ml = mIU/l	2.30	1.56	3.04	Siemens Centaur XP/XPT/Classic	
	μU/ml = mIU/l	2.32	1.86	2.78	Siemens Immulite 2000/2500	
	μU/ml = mIU/l	1.99	1.59	2.39	Abbott Architect	
	μU/ml = mIU/l	2.86	2.29	3.43	Diasorin Liaison	
	μU/ml = mIU/l	2.35	1.88	2.82	Roche Modular E170	
	μU/ml = mIU/l	2.13	1.70	2.56	bioMerieux VIDAS TSH3 Ultrasensitive	
	μU/ml = mIU/l	2.10	1.68	2.52	Beckman Access Fast TSH	
	μU/ml = mIU/l	1.99	1.59	2.39	Beckman Dxl800 Fast TSH	
	μU/ml = mIU/l	2.39	1.91	2.87	Roche Cobas E411	
	μU/ml = mIU/l	2.36	1.89	2.83	Roche Cobas 6000/8000	

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC		效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高	方法学
促甲状腺素 (TSH)	μU/ml = mIU/l	2.06	1.65	2.47	Beckman Dxl800 Hyper TSH
	μU/ml = mIU/l	2.21	1.50	2.92	Siemens Centaur XP/XPT/Classic TSH3-Ultra
	μU/ml = mIU/l	2.30	1.56	3.04	Siemens Centaur CP
	μU/ml = mIU/l	2.18	1.48	2.88	Siemens Centaur CP TSH3-Ultra
妥布霉素	μmol/l	7.16	5.73	8.59	Gravimetric
	μg/ml	3.35	2.68	4.02	
总 β-hCG	mU/ml=IU/l	28.3	22.6	34.0	BioMerieux Vidas
	IU/ml	0.028	0.023	0.033	
	mU/ml=IU/l	28.8	23.0	34.6	Siemens Immulite 1000
	IU/ml	0.029	0.023	0.035	
	mU/ml=IU/l	18.2	14.6	21.8	Roche Cobas Core EIA
	IU/ml	0.018	0.015	0.021	
	mU/ml=IU/l	16.3	13.0	19.6	Beckman Access
	IU/ml	0.016	0.013	0.019	
	mU/ml=IU/l	29.1	23.3	34.9	Vitros Eci
	IU/ml	0.029	0.023	0.035	
	mU/ml=IU/l	18.8	11.3	26.3	Siemens Centaur XP/XPT/Classic
	IU/ml	0.019	0.011	0.027	
	mU/ml=IU/l	32.0	25.6	38.4	Siemens Immulite 2000
	IU/ml	0.032	0.026	0.038	
	mU/ml=IU/l	15.5	12.4	18.6	Abbott Architect
	IU/ml	0.016	0.012	0.020	
	mU/ml=IU/l	26.7	21.4	32.0	Siemens Dimension
	IU/ml	0.027	0.021	0.033	
	mU/ml=IU/l	15.9	12.7	19.1	Beckman Dxl800
	IU/ml	0.016	0.013	0.019	
mU/ml=IU/l	24.8	19.8	29.8	Roche STAT (Intact)	
IU/ml	0.025	0.020	0.030		
mU/ml=IU/l	17.5	14.0	21.0	Roche hCG+Beta	
IU/ml	0.018	0.014	0.022		
mU/ml=IU/l	15.5	12.4	18.6	Radiometer AQT90 Flex	
IU/ml	0.016	0.012	0.020		
mU/ml=IU/l	15.9	12.7	19.1	Beckman Access Total BhCG (5th IS)	
IU/ml	0.016	0.013	0.019		
mU/ml=IU/l	15.6	12.5	18.7	Beckman Dxl Total BhCG (5th IS)	
IU/ml	0.016	0.013	0.019		
总 T3	nmol/l	4.34	3.26	5.43	BioMerieux Vidas
	ng/ml	2.83	2.12	3.54	
	ng/dl	283	212	354	
	nmol/l	3.92	2.94	4.90	Siemens Immulite 1000
	ng/ml	2.55	1.91	3.19	
	ng/dl	255	191	319	
	nmol/l	4.44	3.33	5.55	Roche Elecsys
	ng/ml	2.89	2.17	3.61	
	ng/dl	289	217	361	
	nmol/l	3.83	2.87	4.79	Beckman Access
	ng/ml	2.49	1.87	3.11	
	ng/dl	249	187	311	

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC			效期: 2019-04	
规格: 12 x 5 ml		范围			低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高	方法学	
总 T3	nmol/l	4.69	3.52	5.86	Siemens Centaur XP/XPT/Classic	
	ng/ml	3.05	2.29	3.81		
	ng/dl	305	229	381		
	nmol/l	3.86	2.90	4.83	Siemens Immulite 2000/2500	
	ng/ml	2.51	1.89	3.13		
	ng/dl	251	189	313		
	nmol/l	3.64	2.73	4.55	Abbott Architect	
	ng/ml	2.37	1.78	2.96		
	ng/dl	237	178	296		
	nmol/l	4.26	3.20	5.33	Vitros ECI	
	ng/ml	2.77	2.08	3.46		
	ng/dl	277	208	346		
	nmol/l	4.08	3.06	5.10	Roche Modular E170	
	ng/ml	2.66	1.99	3.33		
	ng/dl	266	199	333		
	nmol/l	3.43	2.57	4.29	Beckman Dxl800	
	ng/ml	2.23	1.67	2.79		
	ng/dl	223	167	279		
nmol/l	4.46	3.35	5.58	Roche Cobas E411		
ng/ml	2.90	2.18	3.62			
ng/dl	290	218	362			
nmol/l	4.23	3.17	5.29	Roche Cobas 6000/8000		
ng/ml	2.75	2.06	3.44			
ng/dl	275	206	344			
nmol/l	4.57	3.43	5.71	Monobind Inc. ELISA / CLIA		
ng/ml	2.98	2.23	3.73			
ng/dl	298	223	373			
总 T4	nmol/l	153	115	191	Vitros ECI	
	µg/dl	11.9	8.97	14.8		
	ng/ml	119	89.7	148		
	nmol/l	175	131	219	BioMerieux Vidas	
	µg/dl	13.7	10.2	17.2		
	ng/ml	137	102	172		
	nmol/l	144	108	180	Siemens Immulite 1000	
	µg/dl	11.2	8.42	14.0		
	ng/ml	112	84.2	140		
	nmol/l	136	102	170	Roche Elecsys	
	µg/dl	10.6	7.96	13.2		
	ng/ml	106	79.6	132		
	nmol/l	170	128	213	Beckman Access	
	µg/dl	13.3	9.98	16.6		
	ng/ml	133	100	166		
nmol/l	151	98.2	204	Siemens Centaur XP/XPT/Classic		
µg/dl	11.8	7.67	15.9			
ng/ml	118	76.7	159			



## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC		效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高	方法学
总 T4	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	138	104	173	Abbott Architect
	µg/dl	10.8	8.11	13.5	
	ng/ml	108	81.1	135	
	nmol/l	140	105	175	Roche Modular E170
	µg/dl	10.9	8.19	13.6	
	ng/ml	109	81.9	136	
	nmol/l	156	133	179	Beckman Dxl800
	µg/dl	12.2	10.4	14.0	
	ng/ml	122	104	140	
nmol/l	140	105	175	Roche Cobas E411	
µg/dl	10.9	8.19	13.6		
ng/ml	109	81.9	136		
nmol/l	137	103	171	Roche Cobas 6000/8000	
µg/dl	10.7	8.03	13.4		
ng/ml	107	80.3	134		
nmol/l	163	106	220	Siemens Centaur CP	
µg/dl	12.7	8.26	17.1		
ng/ml	127	82.6	171		
丙戊酸	µmol/l	566	453	679	Siemens Immulite 1000
	µg/ml	81.7	65.4	98.0	
	µmol/l	558	446	670	Roche Integra
	µg/ml	80.5	64.4	96.6	
	µmol/l	537	430	644	Siemens Immulite 2000/2500
	µg/ml	77.5	62.0	93.0	
	µmol/l	585	468	702	Siemens Centaur XP/XPT/Classic
	µg/ml	84.4	67.5	101	
	µmol/l	578	462	694	Vitros
	µg/ml	83.4	66.7	100	
	µmol/l	566	453	679	Siemens Dimension
	µg/ml	81.7	65.4	98.0	
	µmol/l	549	439	659	Abbott Architect
	µg/ml	79.2	63.3	95.1	
	µmol/l	526	421	631	Beckman DxC
µg/ml	75.9	60.8	91.0		
µmol/l	592	474	710	Roche Cobas 6000/8000	
µg/ml	85.4	68.4	102		
µmol/l	587	470	704	Beckman AU400/600/640/2700/5400	
µg/ml	84.7	67.8	102		
µmol/l	638	510	765	Gravimetric	
µg/ml	92.0	73.6	110		
万古霉素	µmol/l	6.67	5.34	8.00	Ortho Vitros Microslide Systems
	µg/ml	9.91	7.93	11.9	

## 免疫质控品-水平 2

货号: IA3110		批号: 1644EC			效期: 2019-04	
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD	
分析物	单位	靶值	低值	高值	方法学	
万古霉素	μmol/l	8.22	6.58	9.86	Abbott Architect	
	μg/ml	12.2	9.78	14.6		
	μmol/l	7.04	5.63	8.45	Siemens Dimension	
	μg/ml	10.5	8.36	12.6		
	μmol/l	7.23	5.78	8.68	Roche Cobas 6000/8000	
	μg/ml	10.7	8.59	12.8		
维生素 B12	μmol/l	7.10	5.68	8.52	Gravimetric	
	μg/ml	10.6	8.44	12.7		
	pmol/l	476	381	571	Roche Elecsys	
	pg/ml	645	516	774		
	pmol/l	415	332	498	Beckman Access	
	pg/ml	562	450	674		
	pmol/l	486	365	607	Siemens Centaur XP/XPT/Classic	
	pg/ml	659	494	824		
	pmol/l	433	346	520	Siemens Immulite 2000	
	pg/ml	587	469	705		
	pmol/l	419	335	503	Abbott Architect	
	pg/ml	568	454	682		
	pmol/l	491	393	589	Vitros Eci	
	pg/ml	665	533	797		
	pmol/l	498	398	598	Roche Modular E170	
	pg/ml	675	539	811		
	pmol/l	404	323	485	Beckman DxI800	
	pg/ml	547	438	656		
pmol/l	462	370	554	Roche Cobas E411		
pg/ml	626	501	751			
pmol/l	500	400	600	Roche Cobas 6000/8000		
pg/ml	678	542	814			
pmol/l	492	394	590	Siemens Dimension		
pg/ml	667	534	800			
pmol/l	459	344	574	Siemens Centaur CP		
pg/ml	622	467	777			