

## 免疫质控品

货号: IA3109  
批号: 1908EC

包装: 12 x 5 ml  
效期: 2022-08

### 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。甲状旁腺素(PTH)和甲状腺球蛋白(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。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](http://www.randox.com) 进行下载。

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
17-羟基孕酮	nmol/l	3.69	2.77	4.61	DIAsource RIA
	ng/ml	1.22	0.917	1.52	
25-OH 维生素D	nmol/l	42.8	32.1	53.5	Diasorin Liaison
	nmol/l	28.6	21.5	35.8	Siemens Centaur XP/XPT/Classic
	nmol/l	21.5	16.1	26.9	Roche Vitamin D Total
	nmol/l	22.2	16.7	27.8	Abbott Architect
	nmol/l	112	84.0	140	Vitros ECI
	nmol/l	20.7	15.5	25.9	Tosoh Series
	nmol/l	28.6	21.5	35.8	BioMerieux Vidas
	nmol/l	39.4	29.6	49.3	Beckman Dxl 600/800
	nmol/l	40.7	30.5	50.9	Diasorin Liaison XL
	nmol/l	21.1	15.8	26.4	Roche Vitamin D Total II
肾上腺皮质激素	pmol/l	1.61	1.21	2.01	Roche Cobas E411
	pg/ml	7.32	5.50	9.14	
	pmol/l	1.70	1.28	2.13	Roche Cobas 6000/8000
	pg/ml	7.73	5.82	9.64	
	pmol/l	7.43	5.57	9.29	CIS IRMA
甲胎蛋白 (AFP)	KIU/l = IU/ml	8.32	6.66	9.98	Abbott AFP-EIA
	ng/ml	10.1	8.06	12.1	
	KIU/l = IU/ml	8.17	6.54	9.80	Abbott Architect
	ng/ml	9.89	7.91	11.9	
	KIU/l = IU/ml	8.67	6.94	10.4	BioMerieux Vidas
	ng/ml	10.5	8.40	12.6	
	KIU/l = IU/ml	9.78	7.73	11.8	Siemens Centaur XP/XPT/Classic
	ng/ml	11.8	9.32	14.3	
	KIU/l = IU/ml	8.87	7.10	10.6	Siemens Immulite 2000/2500
	ng/ml	10.7	8.59	12.8	
	KIU/l = IU/ml	8.66	6.93	10.4	Siemens Immulite 1000
	ng/ml	10.5	8.39	12.6	
	KIU/l = IU/ml	8.29	6.63	9.95	Beckman Dxl800
	ng/ml	10.0	8.02	12.0	
	KIU/l = IU/ml	9.33	7.46	11.2	Roche Elecsys
	ng/ml	11.3	9.03	13.6	
	KIU/l = IU/ml	9.99	7.99	12.0	Diasorin Liaison
	ng/ml	12.1	9.67	14.5	
	KIU/l = IU/ml	8.54	6.83	10.2	Beckman Access
	ng/ml	10.3	8.26	12.3	
KIU/l = IU/ml	8.67	6.94	10.4	Tosoh Series	
ng/ml	10.5	8.40	12.6		
KIU/l = IU/ml	8.93	7.14	10.7	Vitros ECI	
ng/ml	9.29	7.43	11.2		

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甲胎蛋白 (AFP)	KIU/l = IU/ml	9.36	7.49	11.2	Roche Cobas 6000/8000
	ng/ml	11.3	9.06	13.5	
	KIU/l = IU/ml	16.8	13.4	20.2	CIS IRMA
	ng/ml	20.3	16.2	24.4	
	KIU/l = IU/ml	9.08	7.26	10.9	Roche Cobas E411
	ng/ml	11.0	8.78	13.2	
	KIU/l = IU/ml	9.55	7.64	11.5	Fujirebio Lumipulse G Series
	ng/ml	11.6	9.24	14.0	
丁胺卡那霉素	KIU/l = IU/ml	8.77	7.02	10.5	Siemens Dimension
	ng/ml	10.6	8.49	12.7	
丁胺卡那霉素	KIU/l = IU/ml	9.26	7.32	11.2	Siemens Centaur CP
	ng/ml	11.2	8.85	13.6	
丁胺卡那霉素	KIU/l = IU/ml	9.99	7.99	12.0	Diasorin Liaison XL
	ng/ml	12.1	9.67	14.5	
雄烯二酮	µmol/l	6.49	5.19	7.79	Roche Cobas 6000/8000
	µg/ml	3.80	3.04	4.56	
	µmol/l	6.40	5.12	7.68	Gravimetric
雄烯二酮	µg/ml	3.75	3.00	4.50	
	nmol/l	5.34	4.01	6.68	Siemens Immulite 2000
	ng/ml	1.53	1.15	1.91	
雄烯二酮	nmol/l	5.28	3.96	6.60	Diasorin Liaison XL
	ng/ml	1.52	1.14	1.90	
	β-2-微球蛋白	µg/ml = mg/l	1.01	0.808	1.21
µg/ml = mg/l		1.08	0.864	1.30	BioMerieux Vidas
µg/ml = mg/l		0.963	0.770	1.16	Behring Nephelometer
µg/ml = mg/l		0.968	0.774	1.16	Siemens Immulite 2000/2500
µg/ml = mg/l		1.13	0.904	1.36	Siemens Immulite 1000
µg/ml = mg/l		1.14	0.912	1.37	Roche Cobas 6000/8000
µg/ml = mg/l		0.842	0.674	1.01	Fujirebio Lumipulse G Series
µg/ml = mg/l		0.704	0.563	0.845	Diasorin Liaison XL
C-肽	nmol/l	0.480	0.360	0.600	Siemens Immulite 2000/2500
	ng/ml	1.45	1.09	1.81	
	nmol/l	0.668	0.501	0.835	Roche Cobas 6000/8000
	ng/ml	2.02	1.51	2.53	
	nmol/l	0.464	0.348	0.580	Siemens Immulite 1000
	ng/ml	1.40	1.05	1.75	
	nmol/l	0.675	0.506	0.844	Diasorin Liaison
	ng/ml	2.04	1.53	2.55	
	nmol/l	0.662	0.497	0.828	Roche Cobas E411
	ng/ml	2.00	1.50	2.50	
	nmol/l	0.551	0.413	0.689	Abbott Architect
	ng/ml	1.66	1.25	2.07	
	nmol/l	0.426	0.298	0.554	Siemens Centaur XP/XPT/Classic
ng/ml	1.29	0.903	1.68		
nmol/l	0.572	0.429	0.715	Tosoh Series	
ng/ml	1.73	1.30	2.16		

# RANDOX

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C-肽	nmol/l	0.542	0.407	0.678	Fujirebio Lumipulse G Series
	ng/ml	1.64	1.23	2.05	
	nmol/l	0.736	0.552	0.920	Diasorin Liaison XL
	ng/ml	2.22	1.67	2.77	
CA 15-3	U/ml	20.3	16.2	24.4	Abbott Architect
	U/ml	19.6	15.7	23.5	BioMerieux Vidas
	U/ml	19.8	13.1	26.5	Siemens Centaur XP/XPT/Classic
	U/ml	18.4	14.7	22.1	Siemens Immulite 2000/2500
	U/ml	22.0	17.6	26.4	Siemens Immulite 1000
	U/ml	8.24	6.59	9.89	Beckman Dxl800
	U/ml	20.1	16.1	24.1	Roche Elecsys
	U/ml	21.4	17.1	25.7	Diasorin Liaison
	U/ml	8.58	6.86	10.3	Beckman Access
	U/ml	18.5	14.8	22.2	Tosoh Series
	U/ml	17.2	13.8	20.6	Vitros ECi
	U/ml	20.6	16.5	24.7	Roche Cobas 6000/8000
	U/ml	20.6	16.5	24.7	Roche Cobas E411
	U/ml	25.1	20.1	30.1	Fujirebio Lumipulse G Series
	U/ml	21.8	14.4	29.2	Siemens Centaur CP
	U/ml	9.88	7.90	11.9	Mindray CL-2000i
CA 19-9	U/ml	23.1	18.5	27.7	BioMerieux Vidas
	U/ml	29.9	19.7	40.1	Siemens Centaur XP/XPT/Classic
	U/ml	18.4	14.7	22.1	Siemens Immulite 2000/2500
	U/ml	19.6	15.7	23.5	Siemens Immulite 1000
	U/ml	20.2	16.2	24.2	Beckman Dxl800
	U/ml	19.2	15.4	23.0	Roche Elecsys
	U/ml	29.4	23.5	35.3	Diasorin Liaison
	U/ml	22.5	18.0	27.0	Beckman Access
	U/ml	18.5	14.8	22.2	Tosoh Series
	U/ml	35.6	28.5	42.7	Vitros ECi
	U/ml	57.4	45.9	68.9	Abbott Architect XR/XR2 kit
	U/ml	20.3	16.2	24.4	Roche Cobas 6000/8000
	U/ml	20.0	16.0	24.0	Roche Cobas E411
	U/ml	31.4	25.1	37.7	Fujirebio Lumipulse G Series
	U/ml	32.9	21.7	44.1	Siemens Centaur CP
	U/ml	17.1	13.7	20.5	Mindray CL-2000i
U/ml	28.9	23.1	34.7	Diasorin Liaison XL	
CA125	U/ml	27.9	22.3	33.5	Abbott Architect
	U/ml	19.2	15.4	23.0	BioMerieux Vidas
	U/ml	19.1	12.6	25.6	Siemens Centaur XP/XPT/Classic OV Kit
	U/ml	19.3	12.7	25.9	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	17.5	14.0	21.0	Siemens Immulite 2000/2500
	U/ml	17.2	13.8	20.6	Siemens Immulite 1000
	U/ml	16.6	13.3	19.9	Beckman Dxl800
U/ml	19.4	15.5	23.3	Roche Elecsys	

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CA125	U/ml	21.5	17.2	25.8	Diasorin Liaison
	U/ml	16.9	13.5	20.3	Beckman Access
	U/ml	38.4	30.7	46.1	Tosoh Series
	U/ml	17.4	13.9	20.9	Vitros ECI
	U/ml	19.7	15.8	23.6	Roche Cobas E411
	U/ml	19.0	15.2	22.8	Roche Cobas 6000/8000
	U/ml	18.2	14.6	21.8	Fujirebio Lumipulse G Series
	U/ml	20.6	13.6	27.6	Siemens Centaur CP CA125 II kit
	U/ml	38.7	31.0	46.4	Mindray CL-2000i
	U/ml	23.7	19.0	28.4	Diasorin Liaison XL
立痛定 (卡马西平)	µmol/l	15.1	12.1	18.1	Abbott Architect
	µg/ml	3.57	2.86	4.28	
	µmol/l	17.5	12.6	22.4	Siemens Centaur XP/XPT/Classic
	µg/ml	4.14	2.98	5.30	
	µmol/l	13.3	10.6	16.0	Siemens Dimension
	µg/ml	3.14	2.51	3.77	
	µmol/l	12.3	9.84	14.8	Siemens Immulite 2000/2500
	µg/ml	2.91	2.33	3.49	
	µmol/l	12.2	9.76	14.6	Siemens Immulite 1000
	µg/ml	2.88	2.31	3.45	
	µmol/l	15.5	12.4	18.6	Roche Integra
	µg/ml	3.66	2.93	4.39	
	µmol/l	13.9	11.1	16.7	Roche Cobas 6000/8000
	µg/ml	3.29	2.62	3.96	
	µmol/l	13.7	11.0	16.4	Beckman DxC
	µg/ml	3.24	2.60	3.88	
	µmol/l	15.5	12.4	18.6	Beckman AU400/600/640/2700/5400
	µg/ml	3.66	2.93	4.39	
µmol/l	17.3	13.8	20.8	Siemens ADVIA 1200/1650/1800/2400	
µg/ml	4.09	3.26	4.92		
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	4.28	3.42	5.14	Abbott Architect
	ng/ml = µg/l	3.56	2.85	4.27	BioMerieux Vidas
	ng/ml = µg/l	3.83	2.53	5.13	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	3.56	2.85	4.27	CIS RIA Coated tube
	ng/ml = µg/l	4.51	3.61	5.41	Siemens Immulite 2000/2500
	ng/ml = µg/l	4.90	3.92	5.88	Siemens Immulite 1000
	ng/ml = µg/l	3.85	3.08	4.62	Beckman Dxl800
	ng/ml = µg/l	3.82	3.06	4.58	Roche Elecsys
	ng/ml = µg/l	3.92	3.14	4.70	Diasorin Liaison
	ng/ml = µg/l	3.98	3.18	4.78	Beckman Access
	ng/ml = µg/l	5.14	4.11	6.17	Tosoh Series
	ng/ml = µg/l	3.87	3.10	4.64	Vitros ECI
	ng/ml = µg/l	3.82	3.06	4.58	Roche Cobas 6000/8000
	ng/ml = µg/l	3.81	3.05	4.57	Roche Cobas E411

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癌胚抗原(CEA)	ng/ml = µg/l	5.29	4.23	6.35	Fujirebio Lumipulse G Series
	ng/ml = µg/l	3.84	2.53	5.15	Siemens Centaur CP
	ng/ml = µg/l	3.43	2.74	4.12	Mindray CL-2000i
	ng/ml = µg/l	3.88	3.10	4.66	Diasorin Liaison XL
皮质醇	nmol/l	197	148	246	Abbott Architect
	µg/dl	7.09	5.33	8.85	
	nmol/l	110	82.5	138	BioMerieux Vidas
	µg/dl	3.96	2.97	4.95	
	nmol/l	176	116	236	Siemens Centaur XP/XPT/Classic
	µg/dl	6.34	4.18	8.50	
	nmol/l	173	130	216	CIS RIA
	µg/dl	6.23	4.68	7.78	
	nmol/l	189	142	236	Siemens Immulite 2000/2500
	µg/dl	6.80	5.11	8.49	
	nmol/l	189	142	236	Siemens Immulite 1000
	µg/dl	6.80	5.11	8.49	
	nmol/l	183	137	229	Beckman Dxl800
	µg/dl	6.59	4.93	8.25	
	nmol/l	177	133	221	Roche Elecsys
	µg/dl	6.37	4.79	7.95	
	nmol/l	193	145	241	Diasorin Liaison
	µg/dl	6.95	5.22	8.68	
	nmol/l	187	140	234	Beckman Access
	µg/dl	6.73	5.04	8.42	
nmol/l	171	128	214	Tosoh Series	
µg/dl	6.16	4.61	7.71		
nmol/l	133	100	166	Vitros ECi	
µg/dl	4.79	3.60	5.98		
nmol/l	174	131	218	Roche Cobas 6000/8000	
µg/dl	6.26	4.72	7.80		
nmol/l	185	139	231	Roche Cobas E411	
µg/dl	6.66	5.00	8.32		
nmol/l	184	138	230	Roche Cobas 4000/e411 Gen II	
µg/dl	6.62	4.97	8.27		
nmol/l	173	130	216	Roche Cobas 6000/8000 Gen II	
µg/dl	6.23	4.68	7.78		
去表雄酮硫酸盐	µmol/l	1.85	1.48	2.22	Abbott Architect
	µmol/l	1.46	1.17	1.75	Siemens Immulite 2000/2500
	µmol/l	1.38	1.10	1.66	Siemens Immulite 1000
	µmol/l	1.74	1.39	2.09	Beckman Dxl800
	µmol/l	2.38	1.90	2.86	Roche Elecsys
	µmol/l	1.73	1.38	2.08	Beckman Access
	µmol/l	1.81	1.18	2.44	Siemens Centaur XP/XPT/Classic
	µmol/l	2.31	1.85	2.77	Roche Cobas E411
	µmol/l	2.19	1.75	2.63	Roche Cobas 6000/8000
µmol/l	1.48	1.18	1.78	Diasorin Liaison XL	

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地高辛	nmol/l	0.541	0.433	0.649	Abbott Architect
	ng/ml	0.423	0.338	0.508	
	nmol/l	0.558	0.446	0.670	BioMerieux Vidas
	ng/ml	0.436	0.348	0.524	
	nmol/l	0.931	0.698	1.16	Siemens Centaur XP/XPT/Classic
	ng/ml	0.727	0.545	0.909	
	nmol/l	0.695	0.556	0.834	Siemens Dimension
	ng/ml	0.543	0.434	0.652	
	nmol/l	0.712	0.570	0.854	Beckman Dxl800
	ng/ml	0.556	0.445	0.667	
	nmol/l	0.929	0.743	1.11	Roche Integra
	ng/ml	0.726	0.580	0.872	
	nmol/l	0.781	0.625	0.937	Vitros
	ng/ml	0.610	0.488	0.732	
	nmol/l	0.855	0.684	1.03	Roche Cobas 6000/8000
	ng/ml	0.668	0.534	0.802	
	nmol/l	0.994	0.795	1.19	Beckman AU400/600/640/2700/5400
	ng/ml	0.776	0.621	0.931	
	nmol/l	0.953	0.762	1.14	Roche Cobas 4000/E411
	ng/ml	0.744	0.595	0.893	
nmol/l	0.896	0.720	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	17.4	13.9	20.9	Abbott Architect
	ng/ml = µg/l	14.0	11.2	16.8	BioMerieux Vidas
	ng/ml = µg/l	19.7	15.8	23.6	Roche Tinaquant
	ng/ml = µg/l	15.1	11.3	18.9	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	16.5	13.2	19.8	Siemens Dimension
	ng/ml = µg/l	15.1	12.1	18.1	Siemens Immulite 2000/2500
	ng/ml = µg/l	14.1	11.3	16.9	Siemens Immulite 1000
	ng/ml = µg/l	11.7	9.36	14.0	Beckman Dxl800
	ng/ml = µg/l	17.8	14.2	21.4	Roche Elecsys
	ng/ml = µg/l	13.7	11.0	16.4	Diasorin Liaison
	ng/ml = µg/l	18.0	14.4	21.6	Roche Modular E170
	ng/ml = µg/l	11.6	9.28	13.9	Beckman Access
	ng/ml = µg/l	10.9	8.72	13.1	Tosoh Series
	ng/ml = µg/l	12.4	9.92	14.9	Vitros ECi
	ng/ml = µg/l	14.5	11.6	17.4	Immunotech IRMA
	ng/ml = µg/l	17.7	14.2	21.2	Roche Cobas E411
	ng/ml = µg/l	12.9	10.3	15.5	Beckman AU400/600/640/2700/5400
	ng/ml = µg/l	9.25	7.40	11.1	Fujirebio Lumipulse G Series
	ng/ml = µg/l	13.3	9.98	16.6	Siemens Centaur CP
	ng/ml = µg/l	14.1	11.3	16.9	Diasorin Liaison XL
叶酸	nmol/l	4.74	3.60	5.88	Abbott Architect
	ng/ml	2.09	1.59	2.59	

# RANDOX

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学	
叶酸	nmol/l	11.1	6.11	16.1	Siemens Centaur XP/XPT/Classic (enhanced kit)	
	ng/ml	4.90	2.70	7.10		
	nmol/l	3.28	2.49	4.07	Siemens Immulite 2000	
	ng/ml	1.45	1.10	1.80		
	nmol/l	4.12	3.13	5.11	Beckman Dxl800	
	ng/ml	1.82	1.38	2.26		
	nmol/l	4.42	3.36	5.48	Beckman Access	
	ng/ml	1.95	1.48	2.42		
	nmol/l	5.91	4.49	7.33	Tosoh Series	
	ng/ml	2.61	1.98	3.24		
	nmol/l	3.73	2.83	4.63	Vitros ECI	
	ng/ml	1.64	1.25	2.03		
	游离 T3	pmol/l	3.05	2.29	3.81	Abbott Architect
		ng/dl	0.198	0.149	0.247	
pg/ml		1.99	1.49	2.49		
pmol/l		2.54	1.91	3.18	BioMerieux Vidas	
ng/dl		0.165	0.124	0.206		
pg/ml		1.65	1.24	2.06		
pmol/l		3.55	2.13	4.97	Siemens Centaur XP/XPT/Classic	
ng/dl		0.231	0.139	0.323		
pg/ml		2.31	1.39	3.23		
pmol/l		3.09	2.32	3.86	Siemens Immulite 2000/2500	
ng/dl		0.201	0.151	0.251		
pg/ml		2.01	1.51	2.51		
pmol/l		2.86	2.15	3.58	Siemens Immulite 1000	
ng/dl		0.186	0.140	0.232		
pg/ml		1.86	1.40	2.32		
pmol/l		3.47	2.60	4.34	Beckman Dxl800	
ng/dl		0.226	0.169	0.283		
pg/ml		2.26	1.69	2.83		
pmol/l		3.86	2.90	4.83	Roche Elecsys	
ng/dl		0.251	0.189	0.313		
pg/ml		2.51	1.89	3.13		
pmol/l		2.69	2.02	3.36	Diasorin Liaison	
ng/dl		0.175	0.131	0.219		
pg/ml		1.75	1.32	2.18		
pmol/l		3.51	2.63	4.39	Beckman Access	
ng/dl		0.228	0.171	0.285		
pg/ml		2.29	1.71	2.87		
pmol/l		2.55	1.91	3.19	Tosoh Series	
ng/dl		0.166	0.124	0.208		
pg/ml		1.66	1.24	2.08		
pmol/l	5.95	4.46	7.44	Vitros ECI		
ng/dl	0.387	0.290	0.484			
pg/ml	3.87	2.90	4.84			
pmol/l	4.02	3.02	5.03	Roche Cobas E411		
ng/dl	0.261	0.196	0.326			
pg/ml	2.62	1.97	3.27			

# RANDOX

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
游离 T3	pmol/l	3.79	2.84	4.74	Roche Cobas 6000/8000
	ng/dl	0.246	0.185	0.307	
	pg/ml	2.47	1.85	3.09	
	Siemens Centaur CP	pmol/l	3.80	2.28	5.32
		ng/dl	0.247	0.148	0.346
		pg/ml	2.47	1.48	3.46
	Diasorin Liaison XL	pmol/l	2.66	2.00	3.33
		ng/dl	0.173	0.130	0.216
		pg/ml	1.73	1.30	2.16
游离 T4	Abbott Architect	pmol/l	8.67	6.50	10.8
		ng/dl	0.676	0.507	0.845
		pg/ml	6.76	5.07	8.45
	Siemens Centaur XP/XPT/Classic	pmol/l	7.45	5.59	9.31
		ng/dl	0.581	0.436	0.726
		pg/ml	5.81	4.36	7.26
	CIS RIA Coated tube	pmol/l	10.1	7.58	12.6
		ng/dl	0.788	0.591	0.985
		pg/ml	7.88	5.91	9.85
	Siemens Immulite 2000/2500	pmol/l	12.4	9.30	15.5
		ng/dl	0.967	0.725	1.21
		pg/ml	9.67	7.25	12.1
	Siemens Immulite 1000	pmol/l	12.0	9.00	15.0
		ng/dl	0.936	0.702	1.17
		pg/ml	9.36	7.02	11.7
	Beckman Dxl800	pmol/l	9.13	6.85	11.4
		ng/dl	0.712	0.534	0.890
		pg/ml	7.12	5.34	8.90
	Roche Elecsys	pmol/l	11.9	8.93	14.9
		ng/dl	0.928	0.697	1.16
		pg/ml	9.28	6.97	11.6
	Diasorin Liaison	pmol/l	11.1	8.33	13.9
		ng/dl	0.866	0.650	1.08
		pg/ml	8.66	6.50	10.8
	Beckman Access	pmol/l	9.31	6.98	11.6
		ng/dl	0.726	0.544	0.908
		pg/ml	7.26	5.44	9.08
Tosoh Series	pmol/l	8.74	6.56	10.9	
	ng/dl	0.682	0.512	0.852	
	pg/ml	6.82	5.12	8.52	
Vitros Eci	pmol/l	13.0	9.75	16.3	
	ng/dl	1.01	0.761	1.26	
	pg/ml	10.1	7.61	12.6	
Roche Cobas 6000/8000	pmol/l	11.7	8.78	14.6	
	ng/dl	0.913	0.685	1.14	
	pg/ml	9.13	6.85	11.4	

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
游离 T4	pmol/l	11.3	8.48	14.1	Immunotech IRMA
	ng/dl	0.881	0.661	1.10	
	pg/ml	8.81	6.61	11.0	
	pmol/l	12.1	9.08	15.1	Roche Cobas E411
	ng/dl	0.944	0.708	1.18	
	pg/ml	9.44	7.08	11.8	
	pmol/l	9.06	6.80	11.3	Biomerieux Vidas FT4N Kit
	ng/dl	0.707	0.530	0.884	
	pg/ml	7.07	5.30	8.84	
	pmol/l	8.20	6.15	10.3	Siemens Centaur CP
	ng/dl	0.640	0.480	0.800	
	pg/ml	6.40	4.80	8.00	
	pmol/l	8.43	6.32	10.5	Mindray CL-2000i
	ng/dl	0.658	0.493	0.823	
	pg/ml	6.58	4.93	8.23	
pmol/l	10.8	8.10	13.5	Diasorin Liaison XL	
ng/dl	0.842	0.632	1.05		
pg/ml	8.42	6.32	10.5		
卵泡刺激素 (FSH)	mU/ml	5.53	4.42	6.64	Abbott Architect
	mU/ml	6.93	5.54	8.32	BioMerieux Vidas
	mU/ml	8.54	5.98	11.1	Siemens Centaur XP/XPT/Classic
	mU/ml	6.78	5.42	8.14	Siemens Immulite 2000/2500
	mU/ml	7.16	5.73	8.59	Siemens Immulite 1000
	mU/ml	6.88	5.50	8.26	Beckman Dxl800
	mU/ml	6.38	5.10	7.66	Roche/BM Elecsys
	mU/ml	7.50	6.00	9.00	Diasorin Liaison
	mU/ml	6.71	5.37	8.05	Beckman Access
	mU/ml	6.86	5.49	8.23	Tosoh Series
	mU/ml	5.10	4.08	6.12	Vitros ECi
	mU/ml	6.51	5.21	7.81	Roche Cobas E411
	mU/ml	6.13	4.90	7.36	Roche Cobas 6000/8000
	mU/ml	5.42	4.34	6.50	Fujirebio Lumipulse G Series
	mU/ml	6.21	4.35	8.07	Siemens Centaur CP
mU/ml	4.43	3.54	5.32	Mindray CL-2000i	
mU/ml	9.62	7.70	11.5	Diasorin Liaison XL	
庆大霉素	μmol/l	4.40	3.52	5.28	Roche Integra
	μg/ml	2.10	1.68	2.52	
	μmol/l	4.26	3.41	5.11	Siemens Dimension Vista
	μg/ml	2.04	1.63	2.45	
	μmol/l	3.40	2.72	4.08	Roche Cobas 6000/8000
	μg/ml	1.63	1.30	1.96	
μmol/l	4.85	3.88	5.82	Gravimetric	
μg/ml	2.32	1.85	2.78		
生长激素 (GH)	μU/ml	5.09	4.07	6.11	Siemens Immulite 2000/2500
	ng/ml	1.69	1.36	2.02	

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
生长激素 (GH)	μU/ml	4.84	3.87	5.81	Siemens Immulite 1000
	ng/ml	1.61	1.29	1.93	
	μU/ml	3.62	2.90	4.34	Beckman Dxl800
	ng/ml	1.21	0.966	1.45	
	μU/ml	3.72	2.98	4.46	Beckman Access
	ng/ml	1.24	0.992	1.49	
	μU/ml	4.52	3.62	5.42	Tosoh Series
	ng/ml	1.51	1.21	1.81	
	μU/ml	3.84	3.07	4.61	Diasorin Liaison
	ng/ml	1.28	1.02	1.54	
	μU/ml	4.59	3.67	5.51	Roche Cobas E411
	ng/ml	1.53	1.22	1.84	
	μU/ml	4.70	3.76	5.64	Roche Cobas 6000/8000
	ng/ml	1.57	1.25	1.89	
	μU/ml	4.42	3.54	5.30	IDS iSYS
	ng/ml	1.47	1.18	1.76	
μU/ml	3.83	3.06	4.60	Diasorin Liaison XL	
ng/ml	1.28	1.02	1.54		
免疫球蛋白 E	KIU/I = IU/ml	247	198	296	Abbott Architect
	KIU/I = IU/ml	198	158	238	Beckman Immage
	KIU/I = IU/ml	222	178	266	BioMerieux Vidas
	KIU/I = IU/ml	275	165	385	Siemens Centaur XP/XPT/Classic
	KIU/I = IU/ml	259	207	311	Siemens Immulite 2000/2500
	KIU/I = IU/ml	269	215	323	Siemens Immulite 1000
	KIU/I = IU/ml	242	194	290	Beckman Dxl800
	KIU/I = IU/ml	257	206	308	Roche Elecsys
	KIU/I = IU/ml	243	194	292	Pharmacia Unicap
	KIU/I = IU/ml	238	190	286	Tosoh Series
	KIU/I = IU/ml	263	210	316	Roche Cobas E411
	KIU/I = IU/ml	262	210	314	Roche Cobas 6000/8000
	KIU/I = IU/ml	224	179	269	Fujirebio Lumipulse G Series
	KIU/I = IU/ml	246	148	344	Siemens Centaur CP
胰岛素	mU/l	1.83	1.37	2.29	Siemens Centaur XP/XPT/Classic
	μU/ml	1.83	1.37	2.29	
	mU/l	2.43	1.82	3.04	Roche Elecsys
	μU/ml	2.43	1.82	3.04	
	mU/l	1.03	0.773	1.29	Beckman Access
	μU/ml	1.03	0.773	1.29	
	mU/l	1.53	1.15	1.91	Abbott Architect
	μU/ml	1.53	1.15	1.91	
	mU/l	3.36	2.52	4.20	Tosoh Series
	μU/ml	3.36	2.52	4.20	
	mU/l	2.40	1.80	3.00	Roche Cobas E411
	μU/ml	2.40	1.80	3.00	
	mU/l	0.979	0.734	1.22	Beckman Dxl 600/800
	μU/ml	0.979	0.734	1.22	

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学	
胰岛素	mU/l	1.60	1.20	2.00	Diasorin Liaison	
	μU/ml	1.60	1.20	2.00		
	mU/l	2.53	1.90	3.16	Roche Cobas 6000/8000	
	μU/ml	2.53	1.90	3.16		
	mU/l	2.14	1.61	2.68	Fujirebio Lumipulse G Series	
	μU/ml	2.14	1.61	2.67		
	mU/l	1.57	1.18	1.96	Siemens Centaur CP	
	μU/ml	1.57	1.18	1.96		
	促黄体生成素 (LH)	mU/ml	2.53	2.02	3.04	Abbott Architect
		mU/ml	3.28	2.62	3.94	BioMerieux Vidas
		mU/ml	3.08	2.31	3.85	Siemens Centaur XP/XPT/Classic
		mU/ml	5.55	4.44	6.66	Siemens Immulite 2000
mU/ml		5.85	4.68	7.02	Siemens Immulite 1000	
mU/ml		2.37	1.90	2.84	Beckman DxI800	
mU/ml		4.05	3.24	4.86	Roche Elecsys	
mU/ml		4.14	3.31	4.97	Diasorin Liaison	
mU/ml		2.45	1.96	2.94	Beckman Access	
mU/ml		2.88	2.30	3.46	Tosoh Series	
mU/ml		5.97	4.78	7.16	Vitros ECi	
mU/ml		4.04	3.23	4.85	Roche Cobas E411	
mU/ml		4.12	3.30	4.94	Roche Cobas 6000/8000	
mU/ml		2.95	2.36	3.54	Fujirebio Lumipulse G Series	
mU/ml		2.89	2.17	3.61	Siemens Centaur CP	
mU/ml		3.91	3.13	4.69	Mindray CL-2000i	
mU/ml	4.18	3.34	5.02	Diasorin Liaison XL		
雌二醇	pmol/l	190	152	228	Abbott Architect	
	pg/ml	51.7	41.3	62.1		
	pmol/l	254	203	305	BioMerieux Vidas	
	pg/ml	69.1	55.2	83.0		
	pmol/l	167	100	234	Siemens Centaur XP/XPT/Classic	
	pg/ml	45.4	27.2	63.6		
	pmol/l	101	80.8	121	Siemens Immulite 2000/2500	
	pg/ml	27.5	22.0	33.0		
	pmol/l	190	152	228	Roche Elecsys (Estradiol II)	
	pg/ml	51.7	41.3	62.1		
	pmol/l	62.1	49.7	74.5	Tosoh (E2)	
	pg/ml	16.9	13.5	20.3		
	pmol/l	83.6	66.9	100	Vitros ECi	
	pg/ml	22.7	18.2	27.2		
	pmol/l	197	158	236	Roche Cobas 6000/8000 (Estradiol II)	
	pg/ml	53.6	43.0	64.2		
	pmol/l	192	154	230	Roche Cobas 4000/E411 (Estradiol II)	
	pg/ml	52.2	41.9	62.5		
pmol/l	172	138	206	Siemens Centaur XP/XPT/Classic Enhanced (eE2)		
pg/ml	46.8	37.5	56.1			
pmol/l	187	112	262	Siemens Centaur CP		
pg/ml	50.9	30.5	71.3			

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
雌二醇	pmol/l	166	133	199	Fujirebio Lumipulse G Series
	pg/ml	45.2	36.2	54.2	
	pmol/l	201	161	241	Roche Cobas 6000/8000 (Estradiol III)
	pg/ml	54.7	43.8	65.6	
	pmol/l	197	158	236	Roche Elecsys (Estradiol III)
	pg/ml	53.6	43.0	64.2	
	pmol/l	192	154	230	Roche Cobas 4000/E411 (Estradiol III)
	pg/ml	52.2	41.9	62.5	
	pmol/l	130	104	156	Diasorin Liaison XL
	pg/ml	35.4	28.3	42.5	
扑热息痛	mmol/l	0.160	0.128	0.192	Abbott Architect
	mg/l	24.2	19.4	29.0	
	mmol/l	0.151	0.121	0.181	Roche Cobas 6000/8000
	mg/l	22.8	18.3	27.3	
	mmol/l	0.166	0.130	0.200	Gravimetric
	mg/l	25.1	19.7	30.3	
苯巴比妥	μmol/l	33.9	27.1	40.7	Abbott Architect
	μg/ml	7.86	6.29	9.43	
	μmol/l	36.2	29.0	43.4	Siemens ADVIA 1200/1650/1800/2400
	μg/ml	8.40	6.73	10.1	
	μmol/l	32.9	26.3	39.5	Roche Cobas 6000/8000
	μg/ml	7.63	6.10	9.16	
	μmol/l	35.7	28.6	42.8	Siemens Immulite 2000/2500
	μg/ml	8.28	6.64	9.92	
	μmol/l	30.8	24.6	37.0	Beckman AU400/600/640/2700/5400
	μg/ml	7.15	5.71	8.59	
	μmol/l	43.5	30.5	56.5	Siemens Centaur XP/XPT/Classic
	μg/ml	10.1	7.07	13.1	
	μmol/l	36.0	28.8	43.2	Roche Integra
	μg/ml	8.35	6.68	10.0	
	μmol/l	34.3	27.4	41.2	Siemens Immulite 1000
	μg/ml	7.96	6.36	9.56	
苯妥英钠	μmol/l	19.1	15.3	22.9	Abbott Architect
	μg/ml	4.82	3.86	5.78	
	μmol/l	19.7	14.8	24.6	Siemens Centaur XP/XPT/Classic
	μg/ml	4.97	3.73	6.21	
	μmol/l	17.8	14.2	21.4	Siemens Dimension
	μg/ml	4.49	3.59	5.39	
	μmol/l	18.9	15.1	22.7	Siemens Immulite 2000/2500
	μg/ml	4.77	3.81	5.73	
	μmol/l	20.0	16.0	24.0	Siemens Immulite 1000
	μg/ml	5.05	4.04	6.06	

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
苯妥英钠	μmol/l	18.6	14.9	22.3	Roche Integra
	μg/ml	4.70	3.76	5.64	
	μmol/l	18.0	14.4	21.6	Vitros
	μg/ml	4.55	3.64	5.46	
	μmol/l	18.2	14.6	21.8	Roche Cobas 6000/8000
	μg/ml	4.60	3.69	5.51	
	μmol/l	18.7	15.0	22.4	Beckman DxC
	μg/ml	4.72	3.79	5.65	
扑米酮	μmol/l	12.3	9.84	14.8	Gravimetric
	μg/ml	2.69	2.15	3.23	
孕酮	nmol/l	3.13	2.50	3.76	Abbott Architect
	ng/ml	0.980	0.783	1.18	
	nmol/l	4.67	3.74	5.60	BioMerieux Vidas
	ng/ml	1.46	1.17	1.75	
	nmol/l	2.67	1.47	3.87	Siemens Centaur XP/XPT/Classic
	ng/ml	0.836	0.460	1.21	
	nmol/l	2.81	2.25	3.37	Siemens Immulite 2000/2500
	ng/ml	0.880	0.704	1.06	
	nmol/l	2.83	2.26	3.40	Siemens Immulite 1000
	ng/ml	0.886	0.707	1.07	
	nmol/l	2.74	2.19	3.29	Beckman Dxl Prog Cal 33555
	ng/ml	0.858	0.685	1.03	
	nmol/l	3.42	2.74	4.10	Roche Elecsys (Prog. II)
	ng/ml	1.07	0.858	1.28	
	nmol/l	2.95	2.36	3.54	Beckman Access Prog Cal 33555
	ng/ml	0.923	0.739	1.11	
	nmol/l	2.36	1.89	2.83	Vitros ECi
	ng/ml	0.739	0.592	0.886	
	nmol/l	3.58	2.86	4.30	Roche Cobas 4000/e411 (Prog. II)
	ng/ml	1.12	0.895	1.35	
	nmol/l	3.57	2.86	4.28	Roche Cobas 6000/8000 (Prog. II)
	ng/ml	1.12	0.895	1.35	
	nmol/l	2.48	1.98	2.98	Diasorin Liaison
	ng/ml	0.776	0.620	0.932	
nmol/l	2.41	1.93	2.89	Beckman Dxl Prog DE Cal A80773	
ng/ml	0.754	0.604	0.904		
nmol/l	2.93	1.61	4.25	Siemens Centaur CP	
ng/ml	0.917	0.504	1.33		
nmol/l	1.70	1.36	2.04	Mindray CL-2000i	
ng/ml	0.532	0.426	0.638		
nmol/l	2.18	1.74	2.62	Fujirebio Lumipulse G Series	
ng/ml	0.682	0.545	0.819		
nmol/l	3.58	2.86	4.30	Roche Cobas 6000/8000 (Prog. III)	
ng/ml	1.12	0.895	1.35		

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
孕酮	nmol/l	3.50	2.80	4.20	Roche Cobas 4000/e411 (Prog. III)
	ng/ml	1.10	0.876	1.32	
	nmol/l	1.87	1.50	2.24	Diasorin Liaison XL
	ng/ml	0.585	0.470	0.700	
催乳素	μU/ml	194	155	233	Abbott Architect
	μU/ml	190	152	228	BioMerieux Vidas
	μU/ml	164	115	213	Siemens Centaur XP/XPT/Classic
	μU/ml	161	129	193	Siemens Immulite 2000/2500
	μU/ml	170	136	204	Siemens Immulite 1000
	μU/ml	152	122	182	Beckman Dxl800
	μU/ml	157	126	188	Roche Elecsys
	μU/ml	190	152	228	Diasorin Liaison
	μU/ml	158	126	190	Beckman Access
	μU/ml	186	149	223	Tosoh Series
	μU/ml	209	167	251	Vitros ECi
	μU/ml	155	124	186	Roche Elecsys/E170/Cobas 6000/8000 PRLII
	μU/ml	200	160	240	Immunotech IRMA
	μU/ml	156	125	187	Roche Cobas E411
	μU/ml	151	121	181	Roche Cobas 6000/8000
	μU/ml	217	174	260	Fujirebio Lumipulse G Series
μU/ml	155	109	202	Siemens Centaur CP	
μU/ml	231	185	277	Mindray CL-2000i	
μU/ml	186	149	223	Diasorin Liaison XL	
FPSA (游离)	ng/ml = μg/l	1.49	1.12	1.86	Abbott Architect
	ng/ml = μg/l	1.16	0.870	1.45	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	1.21	0.908	1.51	Siemens Immulite 2000/2500
	ng/ml = μg/l	1.06	0.795	1.33	Siemens Immulite 1000
	ng/ml = μg/l	1.51	1.13	1.89	Beckman DXI standardised to Hybritech
	ng/ml = μg/l	0.941	0.706	1.18	Roche Elecsys
	ng/ml = μg/l	0.875	0.656	1.09	Diasorin Liaison
	ng/ml = μg/l	1.58	1.19	1.98	Beckman Access standardised to Hybritech
	ng/ml = μg/l	0.848	0.636	1.06	Tosoh Series
	ng/ml = μg/l	0.951	0.713	1.19	Roche Cobas E411
	ng/ml = μg/l	0.945	0.709	1.18	Roche Cobas 6000/8000
	ng/ml = μg/l	1.07	0.803	1.34	Siemens Dimension Vista
	ng/ml = μg/l	1.34	1.01	1.68	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = μg/l	1.56	1.17	1.95	Beckman Access standardised to WHO IRP96/670
	ng/ml = μg/l	0.508	0.381	0.635	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = μg/l	1.02	0.765	1.28	Fujirebio Lumipulse G Series
ng/ml = μg/l	0.819	0.614	1.02	Diasorin Liaison XL	
TPSA (总)	ng/ml = μg/l	1.42	1.07	1.78	Abbott Architect
	ng/ml = μg/l	1.81	1.36	2.26	bioMerieux VIDAS TPSA
	ng/ml = μg/l	1.61	1.21	2.01	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	0.773	0.580	0.966	Siemens Immulite 2000/2500 1st generation
	ng/ml = μg/l	0.935	0.701	1.17	Siemens Immulite 1000 3rd generation

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
TPSA (总)	ng/ml = µg/l	0.859	0.644	1.07	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	2.07	1.55	2.59	Beckman Dxl standardisd to Hybritech
	ng/ml = µg/l	1.93	1.45	2.41	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	1.90	1.43	2.38	Roche Elecsys
	ng/ml = µg/l	0.945	0.709	1.18	Diasorin Liaison
	ng/ml = µg/l	2.09	1.57	2.61	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	1.25	0.938	1.56	Tosoh Series
	ng/ml = µg/l	1.83	1.37	2.29	Vitros ECi
	ng/ml = µg/l	2.45	1.84	3.06	CIS RIA Coated tube
	ng/ml = µg/l	1.92	1.44	2.40	Roche Cobas E411
	ng/ml = µg/l	1.98	1.49	2.48	Roche Cobas 6000/8000
	ng/ml = µg/l	2.35	1.76	2.94	Monobind Inc. ELISA / CLIA
	ng/ml = µg/l	1.34	1.01	1.68	Fujirebio Lumipulse G Series
	ng/ml = µg/l	1.88	1.41	2.35	Ortho Vitros 3600/5600/ECi PSA II
ng/ml = µg/l	1.56	1.17	1.95	Siemens Centaur CP	
ng/ml = µg/l	0.865	0.649	1.08	Diasorin Liaison XL	
水杨酸	mmol/l	0.115	0.092	0.138	Abbott Architect
	mg/dl	1.59	1.27	1.91	
	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	nmol/l	11.8	9.44	14.2	Siemens Immulite 1000
	nmol/l	12.3	9.84	14.8	Siemens Immulite 2000/2500
	nmol/l	13.5	10.8	16.2	Roche Elecsys
	nmol/l	12.3	9.84	14.8	Abbott Architect
	nmol/l	14.1	11.3	16.9	Roche Cobas E411
	nmol/l	13.9	11.1	16.7	Roche Cobas 6000/8000
	nmol/l	11.9	9.52	14.3	Beckman Dxl800
甲状腺素结合力	%U	32.4	26.6	38.2	Siemens Immulite 2000
睾酮	nmol/l	1.96	1.57	2.35	Abbott Architect
	ng/ml	0.564	0.452	0.676	
	ng/dl	56.4	45.2	67.6	
	nmol/l	0.912	0.730	1.09	BioMerieux Vidas
	ng/ml	0.263	0.210	0.316	
	ng/dl	26.3	21.0	31.6	
	nmol/l	1.56	1.01	2.11	Siemens Centaur XP/XPT/Classic
	ng/ml	0.449	0.292	0.606	
	ng/dl	44.9	29.2	60.6	
	nmol/l	1.37	1.10	1.64	Beckman Dxl800
	ng/ml	0.395	0.317	0.473	
	ng/dl	39.5	31.7	47.3	
	nmol/l	1.54	1.23	1.85	Beckman Access
	ng/ml	0.444	0.354	0.534	
ng/dl	44.4	35.4	53.4		
nmol/l	0.926	0.741	1.11	Tosoh Series	
ng/ml	0.267	0.213	0.321		
ng/dl	26.7	21.3	32.1		

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
睾酮	nmol/l	0.901	0.721	1.08	Vitros ECI
	ng/ml	0.259	0.208	0.310	
	ng/dl	25.9	20.8	31.0	
	nmol/l	1.60	1.28	1.92	Roche Cobas 6000 Test 2
	ng/ml	0.461	0.369	0.553	
	ng/dl	46.1	36.9	55.3	
	nmol/l	1.57	1.26	1.88	Roche Elecsys Test II
	ng/ml	0.452	0.363	0.541	
	ng/dl	45.2	36.3	54.1	
	nmol/l	1.72	1.38	2.06	Roche Cobas 4000/e411 Test II
	ng/ml	0.495	0.397	0.593	
	ng/dl	49.5	39.7	59.3	
	nmol/l	1.97	1.58	2.36	Abbott Architect 2nd Generation
	ng/ml	0.567	0.455	0.679	
	ng/dl	56.7	45.5	67.9	
	nmol/l	0.926	0.741	1.11	BioMerieux Vidas Testosterone II
	ng/ml	0.267	0.213	0.321	
	ng/dl	26.7	21.3	32.1	
nmol/l	1.56	1.01	2.11	Siemens Centaur TST II	
ng/ml	0.449	0.292	0.606		
ng/dl	44.9	29.2	60.6		
nmol/l	0.693	0.554	0.832	Diasorin Liaison XL	
ng/ml	0.200	0.160	0.240		
ng/dl	20.0	16.0	24.0		
茶碱	μmol/l	25.7	20.6	30.8	Siemens Dimension
	μg/ml	4.63	3.71	5.55	
	μmol/l	27.9	22.3	33.5	Roche Integra
	μg/ml	5.03	4.02	6.04	
	μmol/l	25.2	20.2	30.2	Abbott Architect
	μg/ml	4.54	3.64	5.44	
	μmol/l	25.6	20.5	30.7	Roche Cobas 6000/8000
	μg/ml	4.61	3.69	5.53	
	μmol/l	20.8	16.6	25.0	Beckman AU400/600/640/2700/5400
	μg/ml	3.75	2.99	4.51	
	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	0.246	0.185	0.308	Siemens Immulite 1000
	ng/ml	2.03	1.52	2.54	Roche Elecsys
	ng/ml	1.54	1.16	1.93	Beckman Dxl800
	ng/ml	2.14	1.61	2.68	Roche Cobas E411
	ng/ml	2.12	1.59	2.65	Roche Cobas 6000/8000
	ng/ml	1.55	1.16	1.94	Beckman Access
	ng/ml	1.74	1.31	2.18	Abbott Architect 2000i
	ng/ml	1.83	1.37	2.29	Tosoh Series
	ng/ml	2.11	1.58	2.64	Roche Cobas 6000 TGII

# RANDOX

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
甲状腺球蛋白	ng/ml	2.21	1.66	2.76	Roche Elecsys TGII
	ng/ml	2.22	1.67	2.78	Roche Cobas 4000/E411 TGII
	ng/ml	0.203	0.152	0.254	Diasorin Liaison XL
促甲状腺素	μU/ml = mIU/l	0.094	0.075	0.113	Abbott Architect
	μU/ml = mIU/l	0.074	0.059	0.089	bioMerieux VIDAS TSH
	μU/ml = mIU/l	0.072	0.058	0.086	bioMerieux VIDAS TSH3 Ultrasensitive
	μU/ml = mIU/l	0.109	0.074	0.144	Siemens Centaur XP/XPT/Classic
	μU/ml = mIU/l	0.104	0.071	0.137	Siemens Centaur XP/XPT/Classic 3rd Generation
	μU/ml = mIU/l	0.103	0.082	0.124	Siemens Immulite 2000/2500
	μU/ml = mIU/l	0.123	0.098	0.148	Siemens Immulite 1000
	μU/ml = mIU/l	0.086	0.069	0.103	Beckman Dxl800 Fast TSH
	μU/ml = mIU/l	0.086	0.069	0.103	Beckman Dxl800
	μU/ml = mIU/l	0.138	0.110	0.166	Roche Elecsys
	μU/ml = mIU/l	0.122	0.098	0.146	Diasorin Liaison
	μU/ml = mIU/l	0.085	0.068	0.102	Beckman Access Fast TSH
	μU/ml = mIU/l	0.090	0.072	0.108	Beckman Access hyperTSH 3rd Generation
	μU/ml = mIU/l	0.112	0.090	0.134	Tosoh Series
	μU/ml = mIU/l	0.180	0.144	0.216	Vitros ECi
	μU/ml = mIU/l	0.137	0.110	0.164	Roche Cobas E411
	μU/ml = mIU/l	0.136	0.109	0.163	Roche Cobas 6000/8000
	μU/ml = mIU/l	0.091	0.073	0.109	Beckman Dxl800 Hyper TSH
	μU/ml = mIU/l	0.095	0.076	0.114	Siemens Dimension Vista LOCI
	μU/ml = mIU/l	0.104	0.071	0.137	Siemens Centaur XP/XPT/Classic TSH3-Ultra
μU/ml = mIU/l	0.109	0.074	0.144	Siemens Centaur CP	
μU/ml = mIU/l	0.104	0.071	0.137	Siemens Centaur CP TSH3-Ultra	
μU/ml = mIU/l	0.087	0.070	0.104	Beckman Dxl 600/800 Access (3rd IS)	
μU/ml = mIU/l	0.159	0.127	0.191	Diasorin Liaison XL	
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	8.59	6.87	10.3	Abbott Architect
	IU/ml	0.009	0.007	0.011	
	mU/ml=IU/l	23.9	19.1	28.7	BioMerieux Vidas
	IU/ml	0.024	0.019	0.029	
	mU/ml=IU/l	12.5	7.50	17.5	Siemens Centaur XP/XPT/Classic
	IU/ml	0.013	0.008	0.018	
	mU/ml=IU/l	31.0	24.8	37.2	Siemens Dimension
	IU/ml	0.031	0.025	0.037	
	mU/ml=IU/l	43.8	35.0	52.6	Siemens Immulite 2000
	IU/ml	0.044	0.035	0.053	
	mU/ml=IU/l	39.0	31.2	46.8	Siemens Immulite 1000
	IU/ml	0.039	0.031	0.047	
	mU/ml=IU/l	9.60	7.68	11.5	Beckman Dxl800
	IU/ml	0.010	0.008	0.012	
mU/ml=IU/l	13.8	11.0	16.6	Roche Cobas Core EIA	
IU/ml	0.014	0.011	0.017		
mU/ml=IU/l	9.56	7.65	11.5	Beckman Access	
IU/ml	0.010	0.008	0.012		

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
总β-hCG	mU/ml=IU/l	26.2	21.0	31.4	Tosoh Series
	IU/ml	0.026	0.021	0.031	
	mU/ml=IU/l	29.5	23.6	35.4	Vitros ECI
	IU/ml	0.030	0.024	0.036	
	mU/ml=IU/l	12.1	9.68	14.5	Roche STAT (Intact)
	IU/ml	0.012	0.010	0.014	
	mU/ml=IU/l	14.1	11.3	16.9	Roche hCG+Beta
	IU/ml	0.014	0.011	0.017	
	mU/ml=IU/l	7.00	5.60	8.40	Fujirebio Lumipulse G Series
	IU/ml	0.007	0.006	0.008	
	mU/ml=IU/l	9.53	7.62	11.4	Beckman Access Total BhCG (5th IS)
	IU/ml	0.010	0.008	0.012	
	mU/ml=IU/l	9.53	7.62	11.4	Beckman Dxl Total BhCG (5th IS)
	IU/ml	0.010	0.008	0.012	
	mU/ml=IU/l	10.5	6.30	14.7	Siemens Centaur CP
	IU/ml	0.011	0.007	0.015	
mU/ml=IU/l	9.58	7.66	11.5	Diasorin Liaison XL	
IU/ml	0.010	0.008	0.012		
总T3	nmol/l	0.804	0.603	1.01	Abbott Architect
	ng/ml	0.523	0.393	0.653	
	ng/dl	52.3	39.3	65.3	
	nmol/l	0.507	0.380	0.634	BioMerieux Vidas
	ng/ml	0.330	0.247	0.413	
	ng/dl	33.0	24.7	41.3	
	nmol/l	0.533	0.400	0.666	Siemens Centaur XP/XPT/Classic
	ng/ml	0.347	0.260	0.434	
	ng/dl	34.7	26.0	43.4	
	nmol/l	0.620	0.465	0.775	Siemens Immulite 2000/2500
	ng/ml	0.404	0.303	0.505	
	ng/dl	40.4	30.3	50.5	
	nmol/l	0.614	0.461	0.768	Siemens Immulite 1000
	ng/ml	0.400	0.300	0.500	
	ng/dl	40.0	30.0	50.0	
	nmol/l	0.991	0.743	1.24	Beckman Dxl800
	ng/ml	0.645	0.484	0.806	
	ng/dl	64.5	48.4	80.6	
	nmol/l	1.34	1.01	1.68	Roche Elecsys
	ng/ml	0.872	0.658	1.09	
	ng/dl	87.2	65.8	109	
	nmol/l	1.03	0.773	1.29	Diasorin Liaison
	ng/ml	0.671	0.503	0.839	
	ng/dl	67.1	50.3	83.9	
nmol/l	1.03	0.773	1.29	Beckman Access	
ng/ml	0.671	0.503	0.839		
ng/dl	67.1	50.3	83.9		

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学
总 T3	nmol/l	0.543	0.407	0.679	Tosoh Series
	ng/ml	0.353	0.265	0.441	
	ng/dl	35.3	26.5	44.1	
	nmol/l	0.751	0.563	0.939	Vitros ECI
	ng/ml	0.489	0.367	0.611	
	ng/dl	48.9	36.7	61.1	
	nmol/l	0.615	0.461	0.769	CIS RIA Coated tube
	ng/ml	0.400	0.300	0.500	
	ng/dl	40.0	30.0	50.0	
	nmol/l	1.28	0.960	1.60	Roche Cobas E411
	ng/ml	0.833	0.625	1.04	
	ng/dl	83.3	62.5	104	
	nmol/l	1.16	0.870	1.45	Roche Cobas 6000/8000
	ng/ml	0.755	0.566	0.944	
	ng/dl	75.5	56.6	94.4	
	nmol/l	0.671	0.503	0.839	ELISA
	ng/ml	0.437	0.327	0.547	
	ng/dl	43.7	32.7	54.7	
nmol/l	0.646	0.485	0.808	Siemens Centaur CP	
ng/ml	0.421	0.316	0.526		
ng/dl	42.1	31.6	52.6		
总 T4	nmol/l	31.8	23.9	39.8	Abbott Architect
	µg/dl	2.48	1.86	3.10	
	ng/ml	24.8	18.6	31.0	
	nmol/l	27.3	20.5	34.1	BioMerieux Vidas
	µg/dl	2.13	1.60	2.66	
	ng/ml	21.3	16.0	26.6	
	nmol/l	20.4	14.3	26.5	Siemens Centaur XP/XPT/Classic
	µg/dl	1.59	1.11	2.07	
	ng/ml	15.9	11.1	20.7	
	nmol/l	23.2	17.4	29.0	Siemens Immulite 2000/2500
	µg/dl	1.81	1.36	2.26	
	ng/ml	18.1	13.6	22.6	
	nmol/l	25.9	19.4	32.4	Siemens Immulite 1000
	µg/dl	2.02	1.51	2.53	
	ng/ml	20.2	15.1	25.3	
	nmol/l	19.5	14.6	24.4	Beckman Dxl800
	µg/dl	1.52	1.14	1.90	
	ng/ml	15.2	11.4	19.0	
	nmol/l	35.8	26.9	44.8	Roche Elecsys
	µg/dl	2.79	2.10	3.48	
	ng/ml	27.9	21.0	34.8	
nmol/l	32.2	24.2	40.3	Diasorin Liaison	
µg/dl	2.51	1.89	3.13		
ng/ml	25.1	18.9	31.3		
nmol/l	20.8	15.6	26.0	Beckman Access	
µg/dl	1.62	1.22	2.02		
ng/ml	16.2	12.2	20.2		

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

效期: 2022-05-28

规格: 12 x 5 ml

范围

分析物	单位	靶值	低值	高值	方法学	
总 T4	nmol/l	22.3	16.7	27.9	Tosoh Series	
	µg/dl	1.74	1.30	2.18		
	ng/ml	17.4	13.0	21.8		
	nmol/l	27.4	20.6	34.3	Vitros ECI	
		µg/dl	2.14	1.61		2.67
		ng/ml	21.4	16.1		26.7
	nmol/l	27.5	20.6	34.4	CIS RIA Coated tube	
		µg/dl	2.15	1.61		2.69
		ng/ml	21.5	16.1		26.9
	nmol/l	35.0	26.3	43.8	Roche Cobas E411	
		µg/dl	2.73	2.05		3.41
		ng/ml	27.3	20.5		34.1
nmol/l	34.2	25.7	42.8	Roche Cobas 6000/8000		
	µg/dl	2.67	2.00		3.34	
	ng/ml	26.7	20.0		33.4	
nmol/l	33.1	24.8	41.4	Diasorin Liaison XL		
	µg/dl	2.58	1.93		3.23	
	ng/ml	25.8	19.3		32.3	
丙戊酸	µmol/l	156	125	187	Abbott Architect	
	µg/ml	22.5	18.0	27.0		
	µmol/l	209	146	272	Siemens Centaur XP/XPT/Classic	
	µg/ml	30.2	21.1	39.3		
	µmol/l	191	153	229	Siemens Dimension	
	µg/ml	27.6	22.1	33.1		
	µmol/l	179	143	215	Siemens Immulite 2000/2500	
	µg/ml	25.8	20.6	31.0		
	µmol/l	186	149	223	Siemens Immulite 1000	
	µg/ml	26.8	21.5	32.1		
	µmol/l	196	157	235	Roche Integra	
	µg/ml	28.3	22.7	33.9		
	µmol/l	193	154	232	Roche Cobas 6000/8000	
	µg/ml	27.8	22.2	33.4		
	µmol/l	177	142	212	Beckman DxC	
	µg/ml	25.5	20.5	30.5		
	µmol/l	192	154	230	Beckman AU400/600/640/2700/5400	
	µg/ml	27.7	22.2	33.2		
万古霉素	µmol/l	211	169	253	Siemens ADVIA 1200/1650/1800/2400	
	µg/ml	30.4	24.4	36.4		
	µmol/l	243	194	292	Gravimetric	
	µg/ml	35.1	28.0	42.1		
	µmol/l	3.47	2.78	4.16	Roche Integra	
	µg/ml	5.16	4.13	6.19		
万古霉素	µmol/l	3.34	2.67	4.01	Ortho Vitros Microslide Systems	
	µg/ml	4.96	3.97	5.95		

## 免疫质控品-水平1

货号: IA3109

批号: 1908EC

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范围

分析物	单位	靶值	低值	高值	方法学	
万古霉素	μmol/l	2.75	2.20	3.30	Abbott Architect	
	μg/ml	4.09	3.27	4.91		
	μmol/l	1.93	1.45	2.41	Siemens Centaur XP/XPT/Classic	
	μg/ml	2.87	2.15	3.59		
	μmol/l	2.71	2.17	3.25	Siemens Dimension	
	μg/ml	4.03	3.22	4.84		
	μmol/l	3.02	2.42	3.62	Roche Cobas 6000/8000	
	μg/ml	4.49	3.60	5.38		
	μmol/l	2.81	2.25	3.37	Thermo Scientific QMS Vancomycin	
	μg/ml	4.17	3.34	5.00		
	μmol/l	3.43	2.74	4.12	Gravimetric	
	μg/ml	5.10	4.07	6.12		
	维生素 B12	pmol/l	142	114	170	Abbott Architect
		pg/ml	192	154	230	
pmol/l		116	81.2	151	Siemens Centaur XP/XPT/Classic	
pg/ml		157	110	204		
pmol/l		84.2	67.4	101	Beckman DxI800	
pg/ml		114	91.3	137		
pmol/l		177	142	212	Roche Elecsys	
pg/ml		240	192	288		
pmol/l		92.0	73.6	110	Beckman Access	
pg/ml		125	100	150		
pmol/l		135	108	162	Vitros Eci	
pg/ml		183	146	220		
pmol/l		121	96.8	145	MP Biomedicals RIA	
pg/ml		164	131	197		
pmol/l		106	74.2	138	Siemens Centaur CP	
pg/ml		144	101	187		