

免疫质控品

货号：IA3110
批号：1939EC

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 进行下载。

RANDOX

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	9.32	6.99	11.7	Immunotech RIA
	ng/ml	3.08	2.31	3.85	
	nmol/l	13.0	9.75	16.3	DRG ELISA
	ng/ml	4.30	3.23	5.37	
	nmol/l	12.3	9.23	15.4	DIAsource RIA
	ng/ml	4.07	3.06	5.08	
25-OH 维生素D	nmol/l	15.8	11.9	19.8	IBL ELISA
	ng/ml	5.23	3.94	6.52	
	nmol/l	63.6	47.7	79.5	Diasorin Liaison
	nmol/l	74.1	55.6	92.6	Siemens Centaur XP/XPT/Classic
	nmol/l	49.0	36.8	61.3	Roche Vitamin D Total
	nmol/l	51.6	38.7	64.5	Abbott Architect
	nmol/l	74.1	55.6	92.6	Vitros ECi
	nmol/l	52.8	39.6	66.0	Tosoh Series
	nmol/l	54.1	40.6	67.6	BioMerieux Vidas
	nmol/l	48.3	36.2	60.4	Beckman Dxl 600/800
	nmol/l	52.5	39.4	65.6	Fujirebio Lumipulse G Series
	nmol/l	50.9	38.2	63.6	Beckman Access 25 OH Vitamin D Total
	nmol/l	51.3	38.5	64.1	Abbott Architect (5P02)/ Alinity (8P45)
	nmol/l	62.7	47.0	78.4	Diasorin Liaison XL
促肾上腺皮质激素ACTH	nmol/l	56.3	42.2	70.4	Roche Vitamin D Total II
	nmol/l	69.9	52.4	87.4	Siemens Atellica IM
	pmol/l	19.1	14.3	23.9	Siemens Immulite 2000/2500
	pg/ml	86.8	65.0	109	
	pmol/l	19.2	14.4	24.0	Roche Cobas E411
	pg/ml	87.3	65.4	109	
	pmol/l	18.5	13.9	23.1	Roche Cobas 6000/8000
	pg/ml	84.1	63.2	105	
	pmol/l	31.8	23.9	39.8	CIS IRMA
	pg/ml	145	109	181	
醛固酮	pmol/l	19.4	14.6	24.3	Siemens Immulite 1000
	pg/ml	88.2	66.4	110	
	pmol/l	28.8	21.6	36.0	Diasorin Liaison XL
	pg/ml	131	98.2	164	
	pmol/l	451	338	564	DRG ELISA
	pg/ml	163	122	204	
	pmol/l	36.5	27.4	45.6	CIS RIA
	pg/ml	13.2	9.89	16.5	
	pmol/l	289	217	361	Diasorin Liaison
	pg/ml	104	78.3	130	
醛固酮	pmol/l	298	224	373	Diasorin Liaison XL
	pg/ml	108	80.8	135	

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分析物	单位	范围			方法学
		靶值	低值	高值	
甲胎蛋白 (AFP)	KIU/l = IU/ml	44.3	35.4	53.2	Abbott AFP-EIA
	ng/ml	53.6	42.8	64.4	
	KIU/l = IU/ml	42.9	34.3	51.5	Abbott Architect
	ng/ml	51.9	41.5	62.3	
	KIU/l = IU/ml	41.6	33.3	49.9	BioMerieux Vidas
	ng/ml	50.3	40.3	60.3	
	KIU/l = IU/ml	50.0	39.5	60.5	Siemens Centaur XP/XPT/Classic
	ng/ml	60.5	47.8	73.2	
	KIU/l = IU/ml	42.6	34.1	51.1	Siemens Immulite 2000/2500
	ng/ml	51.5	41.3	61.7	
	KIU/l = IU/ml	43.0	34.4	51.6	Siemens Immulite 1000
	ng/ml	52.0	41.6	62.4	
	KIU/l = IU/ml	41.3	33.0	49.6	Beckman Dxl800
	ng/ml	50.0	39.9	60.1	
	KIU/l = IU/ml	47.8	38.2	57.4	罗氏电化学发光法Roche Elecsys
	ng/ml	57.8	46.2	69.4	
	KIU/l = IU/ml	46.2	37.0	55.4	Diasorin Liaison
	ng/ml	55.9	44.8	67.0	
	KIU/l = IU/ml	43.9	35.1	52.7	Beckman Access
	ng/ml	53.1	42.5	63.7	
KIU/l = IU/ml	42.3	33.8	50.8	Tosoh Series	
ng/ml	51.2	40.9	61.5		
KIU/l = IU/ml	44.4	35.5	53.3	Vitros ECi	
ng/ml	46.2	37.0	55.4		
KIU/l = IU/ml	48.7	39.0	58.4	Roche Cobas 6000/8000	
ng/ml	58.9	47.2	70.6		
KIU/l = IU/ml	75.8	60.6	91.0	CIS IRMA	
ng/ml	91.7	73.3	110		
KIU/l = IU/ml	49.0	39.2	58.8	Roche Cobas E411	
ng/ml	59.3	47.4	71.2		
KIU/l = IU/ml	43.0	34.4	51.6	Fujirebio Lumipulse G Series	
ng/ml	52.0	41.6	62.4		
KIU/l = IU/ml	50.0	39.5	60.5	Siemens Centaur CP	
ng/ml	60.5	47.8	73.2		
KIU/l = IU/ml	46.8	37.4	56.2	Diasorin Liaison XL	
ng/ml	56.6	45.3	67.9		
丁胺卡那霉素	μmol/l	14.8	11.8	17.8	Roche Cobas 6000/8000
	μg/ml	8.67	6.91	10.4	
雄烯二酮	nmol/l	12.2	9.15	15.3	Siemens Immulite 2000
	ng/ml	3.50	2.63	4.37	
	nmol/l	7.08	5.31	8.85	Diasorin Liaison XL
	ng/ml	2.03	1.52	2.54	
β-2-微球蛋白	μg/ml = mg/l	2.74	2.19	3.29	Abbott Architect
	μg/ml = mg/l	3.04	2.43	3.65	BioMerieux Vidas
	μg/ml = mg/l	2.77	2.22	3.32	Behring 散射比浊法
	μg/ml = mg/l	2.54	2.03	3.05	Siemens Immulite 2000/2500

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范围					
分析物	单位	靶值	低值	高值	方法学
β-2-微球蛋白	μg/ml = mg/l	2.79	2.23	3.35	Siemens Immulite 1000
	μg/ml = mg/l	2.36	1.89	2.83	Diasorin Liaison
	μg/ml = mg/l	2.76	2.21	3.31	Tosoh Series
	μg/ml = mg/l	2.86	2.29	3.43	Roche Cobas 6000/8000
	μg/ml = mg/l	2.18	1.74	2.62	Fujirebio Lumipulse G Series
C-肽	nmol/l	2.110	1.580	2.640	Siemens Immulite 2000/2500
	ng/ml	6.37	4.77	7.97	
	nmol/l	2.080	1.560	2.600	罗氏电化学发光法Roche Elecsys
	ng/ml	6.28	4.71	7.85	
	nmol/l	2.180	1.640	2.730	Roche Cobas 6000/8000
	ng/ml	6.58	4.95	8.21	
	nmol/l	2.050	1.540	2.560	Siemens Immulite 1000
	ng/ml	6.19	4.65	7.73	
	nmol/l	2.130	1.600	2.660	Diasorin Liaison
	ng/ml	6.43	4.83	8.03	
	nmol/l	2.200	1.650	2.750	Roche Cobas E411
	ng/ml	6.64	4.98	8.30	
	nmol/l	1.960	1.470	2.450	Abbott Architect
	ng/ml	5.92	4.44	7.40	
	nmol/l	1.560	1.170	1.950	Siemens Centaur XP/XPT/Classic
	ng/ml	4.71	3.53	5.89	
	nmol/l	1.930	1.450	2.410	Tosoh Series
	ng/ml	5.83	4.38	7.28	
nmol/l	2.270	1.700	2.840	Diasorin Liaison XL	
ng/ml	6.85	5.13	8.57		
nmol/l	1.530	1.150	1.910	Siemens Atellica IM	
ng/ml	4.62	3.47	5.77		
CA 15-3	U/ml	40.5	32.4	48.6	Abbott Architect
	U/ml	36.1	28.9	43.3	BioMerieux Vidas
	U/ml	38.5	26.2	50.8	Siemens Centaur XP/XPT/Classic
	U/ml	39.8	31.8	47.8	Siemens Immulite 2000/2500
	U/ml	49.9	39.9	59.9	Siemens Immulite 1000
	U/ml	18.4	14.7	22.1	Beckman Dxl800
	U/ml	39.2	31.4	47.0	罗氏电化学发光法Roche Elecsys
	U/ml	41.2	33.0	49.4	Diasorin Liaison
	U/ml	18.1	14.5	21.7	Beckman Access
	U/ml	36.5	29.2	43.8	Tosoh Series
	U/ml	36.5	29.2	43.8	Vitros ECi
	U/ml	40.2	32.2	48.2	Roche Cobas 6000/8000
	U/ml	40.1	32.1	48.1	Roche Cobas E411
	U/ml	47.8	38.2	57.4	Fujirebio Lumipulse G Series
	U/ml	38.6	26.2	51.0	Siemens Centaur CP
	U/ml	37.5	30.0	45.0	Diasorin Liaison XL
CA 19-9	U/ml	80.2	64.2	96.2	BioMerieux Vidas
	U/ml	100	68.0	132	Siemens Centaur XP/XPT/Classic
	U/ml	76.9	61.5	92.3	Siemens Immulite 2000/2500

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分析物	单位	靶值	低值	高值	方法学
CA 19-9	U/ml	76.7	61.4	92.0	Siemens Immulite 1000
	U/ml	70.8	56.6	85.0	Beckman DxI800
	U/ml	54.8	43.8	65.8	罗氏电化学发光法Roche Elecsys
	U/ml	78.2	62.6	93.8	Diasorin Liaison
	U/ml	82.2	65.8	98.6	Beckman Access
	U/ml	43.9	35.1	52.7	Tosoh Series
	U/ml	112	89.6	134	Vitros Eci
	U/ml	205	164	246	Abbott Architect XR/XR2 kit
	U/ml	54.4	43.5	65.3	Roche Cobas 6000/8000
	U/ml	56.0	44.8	67.2	Roche Cobas E411
	U/ml	97.1	77.7	117	Fujirebio Lumipulse G Series
	U/ml	98.1	66.7	130	Siemens Centaur CP
	U/ml	56.0	44.8	67.2	Mindray CL-2000i
	U/ml	87.1	69.7	105	Diasorin Liaison XL
CA125	U/ml	97.9	78.3	117	Abbott Architect
	U/ml	73.3	58.6	88.0	BioMerieux Vidas
	U/ml	82.2	55.9	109	Siemens Centaur XP/XPT/Classic OV Kit
	U/ml	83.3	56.6	110	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	79.9	63.9	95.9	Siemens Immulite 2000/2500
	U/ml	85.1	68.1	102	Siemens Immulite 1000
	U/ml	67.9	54.3	81.5	Beckman DxI800
	U/ml	71.9	57.5	86.3	罗氏电化学发光法Roche Elecsys
	U/ml	81.6	65.3	97.9	Diasorin Liaison
	U/ml	70.1	56.1	84.1	Beckman Access
	U/ml	125	100	150	Tosoh Series
	U/ml	72.0	57.6	86.4	Vitros Eci
	U/ml	72.9	58.3	87.5	Roche Cobas E411
	U/ml	71.8	57.4	86.2	Roche Cobas 6000/8000
	U/ml	70.5	56.4	84.6	Fujirebio Lumipulse G Series
	U/ml	87.2	59.3	115	Siemens Centaur CP CA125 II 试剂盒
	U/ml	151	121	181	Mindray CL-2000i
U/ml	89.3	71.4	107	Diasorin Liaison XL	
立痛定 (卡马西平)	μmol/l	37.6	30.1	45.1	Abbott Architect
	μg/ml	8.89	7.12	10.7	
	μmol/l	40.8	28.6	53.0	Siemens Centaur XP/XPT/Classic
	μg/ml	9.65	6.76	12.5	
	μmol/l	36.0	28.8	43.2	Siemens Dimension
	μg/ml	8.51	6.81	10.2	
	μmol/l	33.8	27.0	40.6	Siemens Immulite 2000/2500
	μg/ml	7.99	6.38	9.60	
	μmol/l	34.5	27.6	41.4	Siemens Immulite 1000
	μg/ml	8.16	6.52	9.80	
	μmol/l	38.9	31.1	46.7	Roche Integra
	μg/ml	9.20	7.35	11.1	
μmol/l	36.5	29.2	43.8	干化学法Vitros	
μg/ml	8.63	6.90	10.4		

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分析物	单位	靶值	低值	高值	方法学
立痛定 (卡马西平)	μmol/l	36.2	29.0	43.4	Roche Cobas E411
	μg/ml	8.56	6.86	10.3	
	μmol/l	38.1	30.5	45.7	Roche Cobas 6000/8000
	μg/ml	9.01	7.21	10.8	
	μmol/l	36.7	29.4	44.0	Beckman DxC
	μg/ml	8.68	6.95	10.4	
癌胚抗原 (CEA)	μmol/l	40.7	32.6	48.8	Beckman AU400/600/640/2700/5400
	μg/ml	9.62	7.71	11.5	
	ng/ml = μg/l	26.1	20.9	31.3	Abbott Architect
	ng/ml = μg/l	24.5	19.6	29.4	BioMerieux Vidas
	ng/ml = μg/l	25.9	17.6	34.2	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	18.1	14.5	21.7	CIS RIA Coated tube
	ng/ml = μg/l	32.3	25.8	38.8	Siemens Immulite 2000/2500
	ng/ml = μg/l	30.9	24.7	37.1	Siemens Immulite 1000
	ng/ml = μg/l	23.3	18.6	28.0	Beckman Dxl800
	ng/ml = μg/l	22.8	18.2	27.4	罗氏电化学发光法Roche Elecsys
	ng/ml = μg/l	21.7	17.4	26.0	Diasorin Liaison
	ng/ml = μg/l	24.9	19.9	29.9	Beckman Access
	ng/ml = μg/l	28.5	22.8	34.2	Tosoh Series
	ng/ml = μg/l	25.8	20.6	31.0	Vitros ECi
	ng/ml = μg/l	22.1	17.7	26.5	Roche Cobas 6000/8000
	ng/ml = μg/l	22.4	17.9	26.9	Roche Cobas E411
ng/ml = μg/l	29.1	23.3	34.9	Fujirebio Lumipulse G Series	
ng/ml = μg/l	25.8	17.5	34.1	Siemens Centaur CP	
ng/ml = μg/l	18.9	15.1	22.7	Mindray CL-2000i	
ng/ml = μg/l	23.9	19.1	28.7	Diasorin Liaison XL	
皮质醇	nmol/l	526	395	658	Abbott Architect
	μg/dl	18.9	14.2	23.6	
	nmol/l	520	390	650	BioMerieux Vidas
	μg/dl	18.7	14.0	23.4	
	nmol/l	669	462	876	Siemens Centaur XP/XPT/Classic
	μg/dl	24.1	16.6	31.6	
	nmol/l	490	368	613	CIS RIA
	μg/dl	17.6	13.2	22.0	
	nmol/l	588	441	735	Siemens Immulite 2000/2500
	μg/dl	21.2	15.9	26.5	
	nmol/l	605	454	756	Siemens Immulite 1000
	μg/dl	21.8	16.3	27.3	
	nmol/l	558	419	698	Beckman Dxl800
	μg/dl	20.1	15.1	25.1	
	nmol/l	632	474	790	罗氏电化学发光法Roche Elecsys
	μg/dl	22.8	17.1	28.5	
nmol/l	554	416	693	Diasorin Liaison	
μg/dl	19.9	15.0	24.8		
nmol/l	607	455	759	Beckman Access	
μg/dl	21.9	16.4	27.4		

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分析物	单位	靶值	低值	高值	方法学
皮质醇	nmol/l	656	492	820	Tosoh Series
	µg/dl	23.6	17.7	29.5	
	nmol/l	553	415	691	Vitros ECi
	µg/dl	19.9	14.9	24.9	
	nmol/l	617	463	771	Roche Cobas 6000/8000
	µg/dl	22.2	16.7	27.7	
	nmol/l	671	503	839	Roche Cobas E411
	µg/dl	24.2	18.1	30.3	
	nmol/l	666	460	872	Siemens Centaur CP
	µg/dl	24.0	16.6	31.4	
	nmol/l	653	490	816	Roche Cobas 4000/e411 Gen II
	µg/dl	23.5	17.6	29.4	
	nmol/l	603	452	754	Roche Cobas 6000/8000 Gen II
	µg/dl	21.7	16.3	27.1	
去表雄酮硫酸盐 (DHEA-S)	nmol/l	635	476	794	Roche Elecsys Gen II
	µg/dl	22.9	17.1	28.7	
	µmol/l	13.9	11.1	16.7	Abbott Architect
	µmol/l	11.6	9.28	13.9	Siemens Immulite 2000/2500
	µmol/l	11.6	9.28	13.9	Siemens Immulite 1000
	µmol/l	11.5	9.20	13.8	Beckman DxI800
	µmol/l	17.3	13.8	20.8	罗氏电化学发光法Roche Elecsys
	µmol/l	12.2	9.76	14.6	Beckman Access
	µmol/l	10.2	8.16	12.2	Diasorin Liaison
	µmol/l	11.5	7.48	15.5	Siemens Centaur XP/XPT/Classic
	µmol/l	16.9	13.5	20.3	Roche Cobas E411
	µmol/l	16.8	13.4	20.2	Roche Cobas 6000/8000
	µmol/l	15.5	12.4	18.6	Immunotech RIA
	µmol/l	11.1	8.88	13.3	Diasorin Liaison XL
地高辛	nmol/l	2.49	1.99	2.99	Abbott Architect
	ng/ml	1.94	1.55	2.33	
	nmol/l	2.85	2.28	3.42	BioMerieux Vidas
	ng/ml	2.23	1.78	2.68	
	nmol/l	3.23	2.49	3.97	Siemens Centaur XP/XPT/Classic
	ng/ml	2.52	1.94	3.10	
	nmol/l	3.03	2.42	3.64	Siemens Dimension
	ng/ml	2.37	1.89	2.85	
	nmol/l	3.13	2.50	3.76	Siemens Immulite 2000/2500
	ng/ml	2.44	1.95	2.93	
	nmol/l	3.03	2.42	3.64	Beckman DxI800
	ng/ml	2.37	1.89	2.85	
	nmol/l	3.00	2.40	3.60	Roche Integra
	ng/ml	2.34	1.87	2.81	
	nmol/l	3.00	2.40	3.60	Beckman Access
	ng/ml	2.34	1.87	2.81	
nmol/l	2.88	2.30	3.46	干化学法Vitros	
ng/ml	2.25	1.80	2.70		

RANDOX

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	
地高辛	nmol/l	2.99	2.39	3.59	Roche Cobas 6000/8000	
	ng/ml	2.34	1.87	2.81		
	nmol/l	3.16	2.53	3.79	Beckman AU400/600/640/2700/5400	
	ng/ml	2.47	1.98	2.96		
	nmol/l	3.18	2.54	3.82	Roche Cobas 4000/E411	
	ng/ml	2.48	1.98	2.98		
	血清铁蛋白	ng/ml = µg/l	103	82.4	124	Abbott Architect
		ng/ml = µg/l	74.2	59.4	89.0	BioMerieux Vidas
ng/ml = µg/l		87.1	65.3	109	Siemens Centaur XP/XPT/Classic	
ng/ml = µg/l		92.8	74.2	111	Siemens Dimension	
ng/ml = µg/l		85.4	68.3	102	Siemens Immulite 2000/2500	
ng/ml = µg/l		74.8	59.8	89.8	Siemens Immulite 1000	
ng/ml = µg/l		67.0	53.6	80.4	Beckman Dxl800	
ng/ml = µg/l		101	80.8	121	罗氏电化学发光法Roche Elecsys	
ng/ml = µg/l		90.2	72.2	108	Diasorin Liaison	
ng/ml = µg/l		100	80.0	120	Roche Modular E170	
ng/ml = µg/l		69.1	55.3	82.9	Beckman Access	
ng/ml = µg/l		64.3	51.4	77.2	Tosoh Series	
ng/ml = µg/l		61.8	49.4	74.2	Vitros ECi	
ng/ml = µg/l		80.2	64.2	96.2	Immuntotech IRMA	
ng/ml = µg/l		104	83.2	125	Roche Cobas E411	
ng/ml = µg/l		79.4	63.5	95.3	Beckman AU400/600/640/2700/5400	
ng/ml = µg/l		56.6	45.3	67.9	Fujirebio Lumipulse G Series	
ng/ml = µg/l		84.9	63.7	106	Siemens Centaur CP	
ng/ml = µg/l	97.1	77.7	117	Diasorin Liaison XL		
叶酸	nmol/l	7.15	5.43	8.87	Abbott Architect	
	ng/ml	3.15	2.39	3.91		
	nmol/l	11.9	7.74	16.1	Siemens Centaur XP/XPT/Classic (enhanced kit)	
	ng/ml	5.25	3.41	7.09		
	nmol/l	6.30	4.79	7.81	Siemens Immulite 2000	
	ng/ml	2.78	2.11	3.45		
	nmol/l	9.75	7.41	12.1	Beckman Dxl800	
	ng/ml	4.30	3.27	5.33		
	nmol/l	9.37	7.12	11.6	Beckman Access	
	ng/ml	4.13	3.14	5.12		
	nmol/l	15.3	11.6	19.0	Tosoh Series	
	ng/ml	6.75	5.12	8.38		
	nmol/l	6.26	4.76	7.76	Vitros ECi	
	ng/ml	2.76	2.10	3.42		
	nmol/l	7.83	5.95	9.71	MP Biomedicals RIA	
	ng/ml	3.45	2.62	4.28		
游离 T3	nmol/l	6.26	4.76	7.76	Siemens Dimension	
	ng/ml	2.76	2.10	3.42		
	pmol/l	11.8	8.85	14.8	Abbott Architect	
	ng/dl	0.767	0.575	0.959		
	pg/ml	7.68	5.76	9.60		

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	12.7	9.53	15.9	BioMerieux Vidas
	ng/dl	0.826	0.619	1.03	
	pg/ml	8.27	6.20	10.3	
	pmol/l	12.9	7.74	18.1	Siemens Centaur XP/XPT/Classic
	ng/dl	0.839	0.503	1.18	
	pg/ml	8.40	5.04	11.8	
	pmol/l	10.0	7.50	12.5	Siemens Immulite 2000/2500
	ng/dl	0.650	0.488	0.812	
	pg/ml	6.51	4.88	8.14	
	pmol/l	9.52	7.14	11.9	Siemens Immulite 1000
	ng/dl	0.619	0.464	0.774	
	pg/ml	6.20	4.65	7.75	
	pmol/l	9.47	7.10	11.8	Beckman Dxl800
	ng/dl	0.616	0.462	0.770	
	pg/ml	6.16	4.62	7.70	
	pmol/l	15.3	11.5	19.1	罗氏电化学发光法Roche Elecsys
	ng/dl	0.995	0.748	1.24	
	pg/ml	9.96	7.49	12.4	
	pmol/l	16.6	12.5	20.8	Diasorin Liaison
	ng/dl	1.08	0.813	1.35	
	pg/ml	10.8	8.14	13.5	
	pmol/l	10.8	8.10	13.5	Beckman Access
	ng/dl	0.702	0.527	0.877	
	pg/ml	7.03	5.27	8.79	
pmol/l	16.2	12.2	20.3	Tosoh Series	
ng/dl	1.05	0.793	1.31		
pg/ml	10.5	7.94	13.1		
pmol/l	29.2	21.9	36.5	Vitros ECI	
ng/dl	1.90	1.42	2.38		
pg/ml	19.0	14.3	23.7		
pmol/l	15.2	11.4	19.0	Roche Cobas E411	
ng/dl	0.988	0.741	1.24		
pg/ml	9.90	7.42	12.4		
pmol/l	15.6	11.7	19.5	Roche Cobas 6000/8000	
ng/dl	1.01	0.761	1.26		
pg/ml	10.2	7.62	12.8		
pmol/l	12.5	7.50	17.5	Siemens Centaur CP	
ng/dl	0.813	0.488	1.14		
pg/ml	8.14	4.88	11.4		
pmol/l	12.8	9.60	16.0	Mindray CL-2000i	
ng/dl	0.832	0.624	1.04		
pg/ml	8.33	6.25	10.4		
pmol/l	16.9	12.7	21.1	Diasorin Liaison XL	
ng/dl	1.10	0.826	1.37		
pg/ml	11.0	8.27	13.7		
游离 T4	pmol/l	20.4	15.3	25.5	Abbott Architect
	ng/dl	1.59	1.19	1.99	
	pg/ml	15.9	11.9	19.9	

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	21.2	15.9	26.5	Siemens Centaur XP/XPT/Classic
	ng/dl	1.65	1.24	2.06	
	pg/ml	16.5	12.4	20.6	
	pmol/l	29.6	22.2	37.0	CIS RIA Coated tube
	ng/dl	2.31	1.73	2.89	
	pg/ml	23.1	17.3	28.9	
	pmol/l	29.0	21.8	36.3	Siemens Immulite 2000/2500
	ng/dl	2.26	1.70	2.82	
	pg/ml	22.6	17.0	28.2	
	pmol/l	29.8	22.4	37.3	Siemens Immulite 1000
	ng/dl	2.32	1.75	2.89	
	pg/ml	23.2	17.5	28.9	
	pmol/l	21.8	16.4	27.3	Beckman Dxl800
	ng/dl	1.70	1.28	2.12	
	pg/ml	17.0	12.8	21.2	
	pmol/l	27.4	20.6	34.3	罗氏电化学发光法Roche Elecsys
	ng/dl	2.14	1.61	2.67	
	pg/ml	21.4	16.1	26.7	
	pmol/l	31.8	23.9	39.8	Diasorin Liaison
	ng/dl	2.48	1.86	3.10	
	pg/ml	24.8	18.6	31.0	
	pmol/l	22.5	16.9	28.1	Beckman Access
	ng/dl	1.76	1.32	2.20	
	pg/ml	17.6	13.2	22.0	
	pmol/l	27.7	20.8	34.6	Tosoh Series
	ng/dl	2.16	1.62	2.70	
	pg/ml	21.6	16.2	27.0	
pmol/l	56.6	42.5	70.8	Vitros ECi	
ng/dl	4.41	3.32	5.50		
pg/ml	44.1	33.2	55.0		
pmol/l	27.2	20.4	34.0	Roche Cobas 6000/8000	
ng/dl	2.12	1.59	2.65		
pg/ml	21.2	15.9	26.5		
pmol/l	22.5	16.9	28.1	Immunotech IRMA	
ng/dl	1.76	1.32	2.20		
pg/ml	17.6	13.2	22.0		
pmol/l	27.4	20.6	34.3	Roche Cobas E411	
ng/dl	2.14	1.61	2.67		
pg/ml	21.4	16.1	26.7		
pmol/l	29.3	22.0	36.6	Biomerieux Vidas FT4N Kit	
ng/dl	2.29	1.72	2.86		
pg/ml	22.9	17.2	28.6		
pmol/l	21.8	16.4	27.3	Siemens Centaur CP	
ng/dl	1.70	1.28	2.12		
pg/ml	17.0	12.8	21.2		

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免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	21.9	16.4	27.4	Mindray CL-2000i
	ng/dl	1.71	1.28	2.14	
	pg/ml	17.1	12.8	21.4	
	pmol/l	33.5	25.1	41.9	Diasorin Liaison XL
	ng/dl	2.61	1.96	3.26	
	pg/ml	26.1	19.6	32.6	
卵泡刺激素 (FSH)	mU/ml	27.1	21.7	32.5	Abbott Architect
	mU/ml	34.1	27.3	40.9	BioMerieux Vidas
	mU/ml	37.5	28.1	46.9	Siemens Centaur XP/XPT/Classic
	mU/ml	30.1	24.1	36.1	Siemens Immulite 2000/2500
	mU/ml	30.1	24.1	36.1	Siemens Immulite 1000
	mU/ml	31.8	25.4	38.2	Beckman Dxl800
	mU/ml	29.5	23.6	35.4	Roche/BM Elecsys
	mU/ml	35.3	28.2	42.4	Diasorin Liaison
	mU/ml	31.1	24.9	37.3	Beckman Access
	mU/ml	29.9	23.9	35.9	Tosoh Series
	mU/ml	23.7	19.0	28.4	Vitros ECi
	mU/ml	30.1	24.1	36.1	Roche Cobas E411
	mU/ml	28.4	22.7	34.1	Roche Cobas 6000/8000
	mU/ml	25.3	20.2	30.4	Fujirebio Lumipulse G Series
	mU/ml	31.8	23.9	39.7	Siemens Centaur CP
mU/ml	43.3	34.6	52.0	Diasorin Liaison XL	
庆大霉素	μmol/l	6.91	5.53	8.29	Roche Cobas 6000/8000
	μg/ml	3.30	2.64	3.96	
生长激素 (GH)	μU/ml	18.6	14.9	22.3	Siemens Immulite 2000/2500
	ng/ml	6.19	4.96	7.42	
	μU/ml	17.2	13.8	20.6	Siemens Immulite 1000
	ng/ml	5.73	4.60	6.86	
	μU/ml	14.4	11.5	17.3	Beckman Dxl800
	ng/ml	4.80	3.83	5.77	
	μU/ml	15.3	12.2	18.4	Beckman Access
	ng/ml	5.09	4.06	6.12	
	μU/ml	17.7	14.2	21.2	Tosoh Series
	ng/ml	5.89	4.73	7.05	
	μU/ml	17.0	13.6	20.4	Roche Cobas E411
	ng/ml	5.66	4.53	6.79	
	μU/ml	16.6	13.3	19.9	Roche Cobas 6000/8000
	ng/ml	5.53	4.43	6.63	
	μU/ml	17.5	14.0	21.0	IDS iSYS
ng/ml	5.83	4.66	7.00		
μU/ml	15.9	12.7	19.1	Diasorin Liaison XL	
ng/ml	5.29	4.23	6.35		
免疫球蛋白 E	KIU/l = IU/ml	96.2	77.0	115	Abbott Architect
	KIU/l = IU/ml	94.3	75.4	113	BioMerieux Vidas
	KIU/l = IU/ml	115	69.0	161	Siemens Centaur XP/XPT/Classic

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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
免疫球蛋白 E	KIU/l = IU/ml	114	91.2	137	Siemens Immulite 2000/2500
	KIU/l = IU/ml	117	93.6	140	Siemens Immulite 1000
	KIU/l = IU/ml	123	98.4	148	Roche Elecsys
	KIU/l = IU/ml	115	92.0	138	Pharmacia Unicap
	KIU/l = IU/ml	106	84.8	127	Tosoh Series
	KIU/l = IU/ml	127	102	152	Roche Cobas E411
	KIU/l = IU/ml	125	100	150	Roche Cobas 6000/8000
	KIU/l = IU/ml	101	80.8	121	Fujirebio Lumipulse G Series
	KIU/l = IU/ml	100	60.0	140	Siemens Centaur CP
胰岛素	mU/l	19.7	14.8	24.6	Siemens Centaur XP/XPT/Classic
	μU/ml	19.7	14.8	24.6	
	mU/l	18.7	14.0	23.4	罗氏电化学发光法Roche Elecsys
	μU/ml	18.7	14.0	23.4	
	mU/l	16.0	12.0	20.0	Beckman Access
	μU/ml	16.0	12.0	20.0	
	mU/l	16.7	12.5	20.9	Abbott Architect
	μU/ml	16.7	12.5	20.9	
	mU/l	19.9	14.9	24.9	Tosoh Series
	μU/ml	19.9	14.9	24.9	
	mU/l	18.9	14.2	23.6	Roche Cobas E411
	μU/ml	18.9	14.2	23.6	
	mU/l	15.2	11.4	19.0	Beckman Dxl 600/800
	μU/ml	15.2	11.4	19.0	
	mU/l	21.1	15.8	26.4	Diasorin Liaison
	μU/ml	21.1	15.8	26.4	
	mU/l	19.0	14.3	23.8	Roche Cobas 6000/8000
	μU/ml	19.0	14.3	23.7	
	mU/l	18.5	13.9	23.1	Fujirebio Lumipulse G Series
	μU/ml	18.5	13.9	23.1	
mU/l	19.3	14.5	24.1	Siemens Centaur CP	
μU/ml	19.3	14.5	24.1		
mU/l	19.3	14.5	24.1	Siemens Atellica IM	
μU/ml	19.3	14.5	24.1		
促黄体生长素(LH)	mU/ml	26.3	21.0	31.6	Abbott Architect
	mU/ml	30.7	24.6	36.8	BioMerieux Vidas
	mU/ml	31.5	24.3	38.7	Siemens Centaur XP/XPT/Classic
	mU/ml	46.7	37.4	56.0	Siemens Immulite 2000
	mU/ml	44.1	35.3	52.9	Siemens Immulite 1000
	mU/ml	24.9	19.9	29.9	Beckman Dxl800
	mU/ml	34.6	27.7	41.5	罗氏电化学发光法Roche Elecsys
	mU/ml	38.2	30.6	45.8	Diasorin Liaison
	mU/ml	25.7	20.6	30.8	Beckman Access
	mU/ml	28.8	23.0	34.6	Tosoh Series
	mU/ml	44.8	35.8	53.8	Vitros ECi
	mU/ml	34.8	27.8	41.8	Roche Cobas E411
	mU/ml	34.6	27.7	41.5	Roche Cobas 6000/8000

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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
促黄体生成素 (LH)	mU/ml	30.3	24.2	36.4	Fujirebio Lumipulse G Series
	mU/ml	32.5	25.0	40.0	Siemens Centaur CP
	mU/ml	35.4	28.3	42.5	Mindray CL-2000i
	mU/ml	40.7	32.6	48.8	Diasorin Liaison XL
雌二醇 (E2)	pmol/l	917	734	1100	Abbott Architect
	pg/ml	249	200	298	
	pmol/l	1622	1298	1946	BioMerieux Vidas
	pg/ml	441	353	529	
	pmol/l	1353	812	1894	Siemens Centaur XP/XPT/Classic
	pg/ml	368	221	515	
	pmol/l	1424	1139	1709	Siemens Immulite 2000/2500
	pg/ml	387	310	464	
	pmol/l	1430	1144	1716	Siemens Immulite 1000
	pg/ml	389	311	467	
	pmol/l	1285	1028	1542	Beckman Dxl800
	pg/ml	350	280	420	
	pmol/l	999	799	1199	Roche Elecsys (Estradiol II)
	pg/ml	272	217	327	
	pmol/l	1336	1069	1603	Beckman Access
	pg/ml	363	291	435	
	pmol/l	1366	1093	1639	Vitros ECi
	pg/ml	372	297	447	
	pmol/l	1001	801	1201	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	272	218	326	
	pmol/l	1002	802	1202	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	273	218	328	
	pmol/l	1354	812	1896	Siemens Centaur XP/XPT/Classic Enhanced (eE2)
	pg/ml	368	221	515	
	pmol/l	1097	878	1316	Tosoh (iE2-hsE2)
	pg/ml	298	239	357	
	pmol/l	1455	873	2037	Siemens Centaur CP
	pg/ml	396	238	554	
pmol/l	1366	820	1912	Siemens Centaur CP Enhanced (eE2)	
pg/ml	372	223	521		
pmol/l	1218	974	1462	Fujirebio Lumipulse G Series	
pg/ml	331	265	397		
pmol/l	1002	802	1202	Roche Cobas 6000/8000 (Estradiol III)	
pg/ml	273	218	328		
pmol/l	1015	812	1218	Roche Elecsys (Estradiol III)	
pg/ml	276	221	331		
pmol/l	1003	802	1204	Roche Cobas 4000/E411 (Estradiol III)	
pg/ml	273	218	328		
pmol/l	1147	918	1376	Beckman Access / Access 2 Sensitive B84493	
pg/ml	312	250	374		
pmol/l	1079	863	1295	Beckman Dxl600/800 Sensitive B84493	
pg/ml	293	235	352		

RANDOX

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	
扑热息痛	mmol/l	0.316	0.253	0.379	Roche Integra	
	mg/l	47.8	38.3	57.3		
	mmol/l	0.327	0.262	0.392	Abbott Architect	
	mg/l	49.5	39.6	59.4		
	mmol/l	0.330	0.264	0.396	Roche Cobas 6000/8000	
	mg/l	49.9	39.9	59.9		
	苯巴比妥	μmol/l	80.2	64.2	96.2	Abbott Architect
		μg/ml	18.6	14.9	22.3	
μmol/l		79.4	63.5	95.3	Roche Cobas 6000/8000	
μg/ml		18.4	14.7	22.1		
μmol/l		78.8	63.0	94.6	Siemens Immulite 2000/2500	
μg/ml		18.3	14.6	22.0		
μmol/l		76.9	61.5	92.3	Beckman AU400/600/640/2700/5400	
μg/ml		17.8	14.3	21.3		
μmol/l		103	74.2	132	Siemens Centaur XP/XPT/Classic	
μg/ml		23.9	17.2	30.6		
μmol/l		77.1	61.7	92.5	Roche Integra	
μg/ml		17.9	14.3	21.5		
μmol/l		77.5	62.0	93.0	Siemens Immulite 1000	
μg/ml		18.0	14.4	21.6		
μmol/l		80.4	64.3	96.5	Beckman DxC	
μg/ml		18.7	14.9	22.5		
苯妥英钠	μmol/l	67.6	54.1	81.1	Abbott Architect	
	μg/ml	17.1	13.7	20.5		
	μmol/l	77.4	60.4	94.4	Siemens Centaur XP/XPT/Classic	
	μg/ml	19.5	15.2	23.8		
	μmol/l	74.4	59.5	89.3	Siemens Dimension	
	μg/ml	18.8	15.0	22.6		
	μmol/l	63.9	51.1	76.7	Siemens Immulite 2000/2500	
	μg/ml	16.1	12.9	19.3		
	μmol/l	62.6	50.1	75.1	Siemens Immulite 1000	
	μg/ml	15.8	12.7	18.9		
	μmol/l	65.9	52.7	79.1	Roche Integra	
	μg/ml	16.6	13.3	19.9		
	μmol/l	69.6	55.7	83.5	Vitros	
	μg/ml	17.6	14.1	21.1		
	μmol/l	68.6	54.9	82.3	Roche Cobas E411	
	μg/ml	17.3	13.9	20.7		
μmol/l	68.1	54.5	81.7	Roche Cobas 6000/8000		
μg/ml	17.2	13.8	20.6			
μmol/l	65.4	52.3	78.5	Beckman DxC		
μg/ml	16.5	13.2	19.8			
孕酮	nmol/l	29.1	23.3	34.9	Abbott Architect	
	ng/ml	9.11	7.29	10.9		
	nmol/l	47.1	37.7	56.5	BioMerieux Vidas	
	ng/ml	14.7	11.8	17.6		

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	25.7	18.0	33.4	Siemens Centaur XP/XPT/Classic
	ng/ml	8.04	5.63	10.5	
	nmol/l	26.1	20.9	31.3	Siemens Immulite 2000/2500
	ng/ml	8.17	6.54	9.80	
	nmol/l	31.5	25.2	37.8	Siemens Immulite 1000
	ng/ml	9.86	7.89	11.8	
	nmol/l	36.3	29.0	43.6	Beckman Dxl Prog Cal 33555
	ng/ml	11.4	9.08	13.7	
	nmol/l	37.7	30.2	45.2	罗氏电化学发光法Roche Elecsys (Prog. II)
	ng/ml	11.8	9.45	14.2	
	nmol/l	37.9	30.3	45.5	Beckman Access Prog Cal 33555
	ng/ml	11.9	9.48	14.3	
	nmol/l	42.9	34.3	51.5	Tosoh Series
	ng/ml	13.4	10.7	16.1	
	nmol/l	37.8	30.2	45.4	Vitros Eci
	ng/ml	11.8	9.45	14.2	
	nmol/l	37.1	29.7	44.5	Roche Cobas 4000/e411 (Prog. II)
	ng/ml	11.6	9.30	13.9	
	nmol/l	38.3	30.6	46.0	Roche Cobas 6000/8000 (Prog. II)
	ng/ml	12.0	9.58	14.4	
	nmol/l	32.3	25.8	38.8	Diasorin Liaison
	ng/ml	10.1	8.08	12.1	
	nmol/l	31.7	25.4	38.0	Beckman Dxl Prog DE Cal A80773
	ng/ml	9.92	7.95	11.9	
nmol/l	32.7	26.2	39.2	Beckman Access Prog DE Cal A80773	
ng/ml	10.2	8.20	12.2		
nmol/l	27.4	19.2	35.6	Siemens Centaur CP	
ng/ml	8.58	6.01	11.2		
nmol/l	35.0	28.0	42.0	Mindray CL-2000i	
ng/ml	11.0	8.76	13.2		
nmol/l	41.4	33.1	49.7	Fujirebio Lumipulse G Series	
ng/ml	13.0	10.4	15.6		
nmol/l	37.8	30.2	45.4	Roche Cobas 6000/8000 (Prog. III)	
ng/ml	11.8	9.45	14.2		
nmol/l	38.3	30.6	46.0	Roche Elecsys (Prog. III)	
ng/ml	12.0	9.58	14.4		
nmol/l	37.1	29.7	44.5	Roche Cobas 4000/e411 (Prog. III)	
ng/ml	11.6	9.30	13.9		
催乳素	μU/ml	552	442	662	Abbott Architect
	μU/ml	643	514	772	BioMerieux Vidas
	μU/ml	445	347	543	Siemens Centaur XP/XPT/Classic
	μU/ml	449	359	539	Siemens Immulite 2000/2500
	μU/ml	490	392	588	Siemens Immulite 1000
	μU/ml	441	353	529	Beckman Dxl800
	μU/ml	529	423	635	Roche Elecsys
	μU/ml	569	455	683	Diasorin Liaison

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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
催乳素	μU/ml	446	357	535	Beckman Access
	μU/ml	521	417	625	Tosoh Series
	μU/ml	481	385	577	Vitros ECi
	μU/ml	529	423	635	Roche Elecsys/E170/Cobas 6000/8000 PRLII
	μU/ml	529	423	635	Immunotech IRMA
	μU/ml	547	438	656	Roche Cobas E411
	μU/ml	525	420	630	Roche Cobas 6000/8000
	μU/ml	633	506	760	Fujirebio Lumipulse G Series
	μU/ml	435	339	531	Siemens Centaur CP
	μU/ml	635	508	762	Mindray CL-2000i
	μU/ml	568	454	682	Diasorin Liaison XL
PSA (游离)	ng/ml = μg/l	11.9	8.93	14.9	Abbott Architect
	ng/ml = μg/l	8.65	6.49	10.8	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	9.18	6.89	11.5	Siemens Immulite 2000/2500
	ng/ml = μg/l	8.51	6.38	10.6	Siemens Immulite 1000
	ng/ml = μg/l	10.5	7.88	13.1	Beckman DXI standardised to Hybritech
	ng/ml = μg/l	7.14	5.36	8.93	罗氏电化学发光法Roche Elecsys
	ng/ml = μg/l	5.74	4.31	7.18	Diasorin Liaison
	ng/ml = μg/l	11.1	8.33	13.9	Beckman Access standardised to Hybritech
	ng/ml = μg/l	6.03	4.52	7.54	Tosoh Series
	ng/ml = μg/l	7.19	5.39	8.99	Roche Cobas E411
	ng/ml = μg/l	7.15	5.36	8.94	Roche Cobas 6000/8000
	ng/ml = μg/l	8.95	6.71	11.2	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = μg/l	11.0	8.25	13.8	Beckman Access standardised to WHO IRP96/670
	ng/ml = μg/l	3.67	2.75	4.59	Ortho Vitros 3600/5600/ECi PSA II
ng/ml = μg/l	7.68	5.76	9.60	Fujirebio Lumipulse G Series	
ng/ml = μg/l	5.64	4.23	7.05	Diasorin Liaison XL	
PSA (总)	ng/ml = μg/l	11.5	8.63	14.4	Abbott Architect
	ng/ml = μg/l	13.2	9.90	16.5	BioMerieux Vidas
	ng/ml = μg/l	12.4	9.30	15.5	bioMerieux VIDAS TPSA
	ng/ml = μg/l	12.1	9.08	15.1	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	5.55	4.16	6.94	Siemens Immulite 2000/2500 1st generation
	ng/ml = μg/l	5.34	4.01	6.68	Siemens Immulite 1000 3rd generation
	ng/ml = μg/l	5.37	4.03	6.71	Siemens Immulite 2000/2500 3rd generation
	ng/ml = μg/l	5.80	4.35	7.25	Siemens Immulite 1000 1st generation
	ng/ml = μg/l	16.2	12.2	20.3	Beckman Dxl standardisd to Hybritech
	ng/ml = μg/l	12.5	9.38	15.6	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = μg/l	15.3	11.5	19.1	罗氏电化学发光法Roche Elecsys
	ng/ml = μg/l	7.49	5.62	9.36	Diasorin Liaison
	ng/ml = μg/l	16.5	12.4	20.6	Beckman Access standardised to Hybritech
	ng/ml = μg/l	16.4	12.3	20.5	Beckman Access standardised to WHO IRP96/670
	ng/ml = μg/l	9.25	6.94	11.6	Tosoh Series
	ng/ml = μg/l	15.2	11.4	19.0	Vitros ECi
	ng/ml = μg/l	15.3	11.5	19.1	CIS RIA Coated tube
	ng/ml = μg/l	15.4	11.6	19.3	Roche Cobas E411
ng/ml = μg/l	15.2	11.4	19.0	Roche Cobas 6000/8000	

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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 (总)	ng/ml = µg/l	10.4	7.80	13.0	Fujirebio Lumipulse G Series
	ng/ml = µg/l	15.4	11.6	19.3	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = µg/l	12.1	9.08	15.1	Siemens Centaur CP
	ng/ml = µg/l	7.14	5.36	8.93	Diasorin Liaison XL
水杨酸	mmol/l	1.19	0.952	1.43	Abbott Architect
	mg/dl	16.4	13.1	19.7	
	mmol/l	1.29	1.03	1.55	Beckman DxC
性激素结合球蛋白 (SHBG)	nmol/l	47.8	38.2	57.4	Siemens Immulite 2000/2500
	nmol/l	47.8	38.2	57.4	Roche Elecsys
	nmol/l	47.9	38.3	57.5	Abbott Architect
	nmol/l	50.3	40.2	60.4	Roche Cobas E411
	nmol/l	49.1	39.3	58.9	Roche Cobas 6000/8000
	nmol/l	46.6	37.3	55.9	Beckman DxI800
睾酮	nmol/l	13.1	10.5	15.7	Abbott Architect
	ng/ml	3.77	3.02	4.52	
	ng/dl	377	302	452	
	nmol/l	9.80	7.84	11.8	BioMerieux Vidas
	ng/ml	2.82	2.26	3.38	
	ng/dl	282	226	338	
	nmol/l	13.7	9.59	17.8	Siemens Centaur XP/XPT/Classic
	ng/ml	3.95	2.77	5.13	
	ng/dl	395	277	513	
	nmol/l	15.2	12.2	18.2	Siemens Immulite 2000/2500
	ng/ml	4.38	3.51	5.25	
	ng/dl	438	351	525	
	nmol/l	11.5	9.20	13.8	Beckman DxI800
	ng/ml	3.31	2.65	3.97	
	ng/dl	331	265	397	
	nmol/l	12.7	10.2	15.2	Beckman Access
	ng/ml	3.66	2.94	4.38	
	ng/dl	366	294	438	
	nmol/l	16.5	13.2	19.8	Tosoh Series
	ng/ml	4.75	3.80	5.70	
	ng/dl	475	380	570	
nmol/l	16.7	13.4	20.0	Vitros ECi	
ng/ml	4.81	3.86	5.76		
ng/dl	481	386	576		
nmol/l	14.3	11.4	17.2	Roche Cobas 6000 Test 2	
ng/ml	4.12	3.28	4.96		
ng/dl	412	328	496		
nmol/l	13.7	11.0	16.4	Roche Elecsys Test II	
ng/ml	3.95	3.17	4.73		
ng/dl	395	317	473		
nmol/l	14.0	11.2	16.8	Roche Cobas 4000/e411 Test II	
ng/ml	4.03	3.23	4.83		
ng/dl	403	323	483		

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	12.9	10.3	15.5	Abbott Architect 2nd Generation
	ng/ml	3.72	2.97	4.47	
	ng/dl	372	297	447	
	nmol/l	12.5	8.75	16.3	Siemens Centaur CP
	ng/ml	3.60	2.52	4.68	
	ng/dl	360	252	468	
	nmol/l	9.38	7.50	11.3	BioMerieux Vidas Testosterone II
	ng/ml	2.70	2.16	3.24	
	ng/dl	270	216	324	
	nmol/l	18.1	14.5	21.7	Mindray CL-2000i
	ng/ml	5.21	4.18	6.24	
	ng/dl	521	418	624	
nmol/l	13.8	9.66	17.9	Siemens Centaur TST II	
ng/ml	3.97	2.78	5.16		
ng/dl	397	278	516		
nmol/l	6.21	4.97	7.45	Diasorin Liaison XL	
ng/ml	1.79	1.43	2.15		
ng/dl	179	143	215		
茶碱	μmol/l	85.5	68.4	103	Roche Integra
	μg/ml	15.4	12.3	18.5	
	μmol/l	75.6	60.5	90.7	Abbott Architect
	μg/ml	13.6	10.9	16.3	
	μmol/l	78.9	63.1	94.7	Roche Cobas 6000/8000
	μg/ml	14.2	11.4	17.0	
	μmol/l	79.6	63.7	95.5	Beckman DxC
	μg/ml	14.3	11.5	17.1	
μmol/l	75.9	60.7	91.1	Beckman AU400/600/640/2700/5400	
μg/ml	13.7	10.9	16.5		
甲状腺球蛋白	ng/ml	11.5	8.63	14.4	Siemens Immulite 1000
	ng/ml	13.6	10.2	17.0	Siemens Immulite 2000
	ng/ml	34.4	25.8	43.0	Roche Elecsys
	ng/ml	28.0	21.0	35.0	Beckman Dxl800
	ng/ml	36.0	27.0	45.0	Roche Cobas E411
	ng/ml	36.4	27.3	45.5	Roche Cobas 6000/8000
	ng/ml	29.4	22.1	36.8	Beckman Access
	ng/ml	38.2	28.7	47.8	Abbott Architect 2000i
	ng/ml	33.4	25.1	41.8	Tosoh Series
	ng/ml	35.3	26.5	44.1	Roche Cobas 6000 TGII
	ng/ml	35.5	26.6	44.4	Roche Elecsys TGII
	ng/ml	36.1	27.1	45.1	Roche Cobas 4000/E411 TGII
ng/ml	11.2	8.40	14.0	Diasorin Liaison XL	
促甲状腺激素 (TSH)	μU/ml = mIU/l	1.96	1.57	2.35	Abbott Architect
	μU/ml = mIU/l	2.32	1.86	2.78	bioMerieux VIDAS TSH
	μU/ml = mIU/l	2.19	1.75	2.63	bioMerieux VIDAS TSH3 Ultrasensitive
	μU/ml = mIU/l	2.35	1.60	3.10	Siemens Centaur XP/XPT/Classic

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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
促甲状腺激素 (TSH)	μU/ml = mIU/l	2.74	2.19	3.29	CIS IRMA
	μU/ml = mIU/l	2.30	1.56	3.04	Siemens Centaur XP/XPT/Classic 3rd Generation
	μU/ml = mIU/l	2.32	1.86	2.78	Siemens Immulite 2000/2500
	μU/ml = mIU/l	2.28	1.82	2.74	Siemens Immulite 1000
	μU/ml = mIU/l	2.05	1.64	2.46	Beckman Dxl800 Fast TSH
	μU/ml = mIU/l	2.09	1.67	2.51	Beckman Dxl800
	μU/ml = mIU/l	2.43	1.94	2.92	罗氏电化学发光法Roche Elecsys
	μU/ml = mIU/l	2.71	2.17	3.25	Diasorin Liaison
	μU/ml = mIU/l	2.09	1.67	2.51	Beckman Access Fast TSH
	μU/ml = mIU/l	2.15	1.72	2.58	Beckman Access hyperTSH 3rd Generation
	μU/ml = mIU/l	2.30	1.84	2.76	Tosoh Series
	μU/ml = mIU/l	2.58	2.06	3.10	Vitros Eci
	μU/ml = mIU/l	2.45	1.96	2.94	Roche Cobas E411
	μU/ml = mIU/l	2.45	1.96	2.94	Roche Cobas 6000/8000
	μU/ml = mIU/l	2.10	1.68	2.52	Beckman Dxl800 Hyper TSH
	μU/ml = mIU/l	2.07	1.66	2.48	Siemens Dimension Vista LOCI
	μU/ml = mIU/l	2.27	1.54	3.00	Siemens Centaur XP/XPT/Classic TSH3-Ultra
	μU/ml = mIU/l	2.22	1.51	2.93	Siemens Centaur CP
	μU/ml = mIU/l	2.15	1.46	2.84	Siemens Centaur CP TSH3-Ultra
	μU/ml = mIU/l	2.81	2.25	3.37	Mindray CL-2000i
μU/ml = mIU/l	2.09	1.67	2.51	Beckman Dxl 600/800 Access (3rd IS)	
μU/ml = mIU/l	3.03	2.42	3.64	Diasorin Liaison XL	
总β-hCG	mU/ml=IU/l	13.2	10.6	15.8	Abbott Architect
	IU/ml	0.013	0.011	0.015	
	mU/ml=IU/l	28.4	22.7	34.1	BioMerieux Vidas
	IU/ml	0.028	0.023	0.033	
	mU/ml=IU/l	14.7	8.82	20.6	Siemens Centaur XP/XPT/Classic
	IU/ml	0.015	0.009	0.021	
	mU/ml=IU/l	35.7	28.6	42.8	Siemens Dimension
	IU/ml	0.036	0.029	0.043	
	mU/ml=IU/l	49.0	39.2	58.8	Siemens Immulite 2000
	IU/ml	0.049	0.039	0.059	
	mU/ml=IU/l	44.0	35.2	52.8	Siemens Immulite 1000
	IU/ml	0.044	0.035	0.053	
	mU/ml=IU/l	15.1	12.1	18.1	Beckman Dxl800
	IU/ml	0.015	0.012	0.018	
	mU/ml=IU/l	12.4	9.92	14.9	Diasorin Liaison
	IU/ml	0.012	0.010	0.014	
	mU/ml=IU/l	19.3	15.4	23.2	Roche Cobas Core EIA
	IU/ml	0.019	0.015	0.023	
	mU/ml=IU/l	14.7	11.8	17.6	Beckman Access
	IU/ml	0.015	0.012	0.018	
mU/ml=IU/l	31.4	25.1	37.7	Tosoh Series	
IU/ml	0.031	0.025	0.037		
mU/ml=IU/l	34.0	27.2	40.8	Vitros Eci	
IU/ml	0.034	0.027	0.041		

RANDOX

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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β-hCG	mU/ml=IU/l	15.5	12.4	18.6	Roche STAT (Intact)
	IU/ml	0.016	0.012	0.020	
	mU/ml=IU/l	19.1	15.3	22.9	Roche hCG+Beta
	IU/ml	0.019	0.015	0.023	
	mU/ml=IU/l	12.1	9.68	14.5	Fujirebio Lumipulse G Series
	IU/ml	0.012	0.010	0.014	
	mU/ml=IU/l	13.5	10.8	16.2	Radiometer AQT90 Flex
	IU/ml	0.014	0.011	0.017	
	mU/ml=IU/l	15.0	12.0	18.0	Beckman Access Total BhCG (5th IS)
	IU/ml	0.015	0.012	0.018	
	mU/ml=IU/l	15.1	12.1	18.1	Beckman Dxl Total BhCG (5th IS)
	IU/ml	0.015	0.012	0.018	
	mU/ml=IU/l	15.0	9.00	21.0	Siemens Centaur CP
	IU/ml	0.015	0.009	0.021	
	mU/ml=IU/l	13.1	10.5	15.7	Diasorin Liaison XL
	IU/ml	0.013	0.011	0.015	
总 T3	nmol/l	3.43	2.57	4.29	Abbott Architect
	ng/ml	2.23	1.67	2.79	
	ng/dl	223	167	279	
	nmol/l	4.07	3.05	5.09	BioMerieux Vidas
	ng/ml	2.65	1.99	3.31	
	ng/dl	265	199	331	
	nmol/l	4.39	3.29	5.49	Siemens Centaur XP/XPT/Classic
	ng/ml	2.86	2.14	3.58	
	ng/dl	286	214	358	
	nmol/l	3.87	2.90	4.84	Siemens Immulite 2000/2500
	ng/ml	2.52	1.89	3.15	
	ng/dl	252	189	315	
	nmol/l	3.75	2.81	4.69	Siemens Immulite 1000
	ng/ml	2.44	1.83	3.05	
	ng/dl	244	183	305	
	nmol/l	3.62	2.72	4.53	Beckman Dxl800
	ng/ml	2.36	1.77	2.95	
	ng/dl	236	177	295	
	nmol/l	4.49	3.37	5.61	罗氏电化学发光法Roche Elecsys
	ng/ml	2.92	2.19	3.65	
	ng/dl	292	219	365	
	nmol/l	3.69	2.77	4.61	Beckman Access
	ng/ml	2.40	1.80	3.00	
	ng/dl	240	180	300	
nmol/l	3.91	2.93	4.89	Tosoh Series	
ng/ml	2.55	1.91	3.19		
ng/dl	255	191	319		
nmol/l	4.31	3.23	5.39	Vitros ECI	
ng/ml	2.81	2.10	3.52		
ng/dl	281	210	352		

RANDOX

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	2.77	2.08	3.46	CIS RIA Coated tube
	ng/ml	1.80	1.35	2.25	
	ng/dl	180	135	225	
	nmol/l	4.34	3.26	5.43	Roche Cobas E411
	ng/ml	2.83	2.12	3.54	
	ng/dl	283	212	354	
	nmol/l	4.19	3.14	5.24	Roche Cobas 6000/8000
	ng/ml	2.73	2.04	3.42	
	ng/dl	273	204	342	
	nmol/l	4.33	3.25	5.41	Siemens Centaur CP
	ng/ml	2.82	2.12	3.52	
	ng/dl	282	212	352	
nmol/l	2.99	2.24	3.74	Diasorin Liaison XL	
ng/ml	1.95	1.46	2.44		
ng/dl	195	146	244		
总 T4	nmol/l	102	76.5	128	Abbott Architect
	µg/dl	7.96	5.97	9.95	
	ng/ml	79.6	59.7	100	
	nmol/l	123	92.3	154	BioMerieux Vidas
	µg/dl	9.59	7.20	12.0	
	ng/ml	95.9	72.0	120	
	nmol/l	105	68.3	142	Siemens Centaur XP/XPT/Classic
	µg/dl	8.19	5.32	11.1	
	ng/ml	81.9	53.2	111	
	nmol/l	111	83.3	139	Siemens Immulite 2000/2500
	µg/dl	8.66	6.50	10.8	
	ng/ml	86.6	65.0	108	
	nmol/l	106	79.5	133	Siemens Immulite 1000
	µg/dl	8.27	6.20	10.3	
	ng/ml	82.7	62.0	103	
	nmol/l	107	80.3	134	Beckman DxI800
	µg/dl	8.35	6.26	10.4	
	ng/ml	83.5	62.6	104	
	nmol/l	101	75.8	126	罗氏电化学发光法Roche Elecsys
	µg/dl	7.88	5.91	9.85	
	ng/ml	78.8	59.1	98.5	
	nmol/l	113	84.8	141	Beckman Access
	µg/dl	8.81	6.61	11.0	
	ng/ml	88.1	66.1	110	
nmol/l	98.3	73.7	123	Tosoh Series	
µg/dl	7.67	5.75	9.59		
ng/ml	76.7	57.5	95.9		
nmol/l	108	81.0	135	Vitros ECi	
µg/dl	8.42	6.32	10.5		
ng/ml	84.2	63.2	105		
nmol/l	110	82.5	138	CIS RIA Coated tube	
µg/dl	8.58	6.44	10.7		
ng/ml	85.8	64.4	107		

RANDOX

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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	106	79.5	133	Roche Cobas E411
	µg/dl	8.27	6.20	10.3	
	ng/ml	82.7	62.0	103	
	nmol/l	106	79.5	133	Roche Cobas 6000/8000
	µg/dl	8.27	6.20	10.3	
	ng/ml	82.7	62.0	103	
	nmol/l	88.0	66.0	110	Immunotech IRMA
	µg/dl	6.86	5.15	8.57	
	ng/ml	68.6	51.5	85.7	
	nmol/l	111	72.2	150	Siemens Centaur CP
	µg/dl	8.66	5.63	11.7	
	ng/ml	86.6	56.3	117	
	nmol/l	79.6	59.7	100	Diasorin Liaison XL
	µg/dl	6.21	4.66	7.76	
ng/ml	62.1	46.6	77.6		
丙戊酸	µmol/l	523	418	628	Abbott Architect
	µg/ml	75.5	60.3	90.7	
	µmol/l	561	449	673	Siemens Centaur XP/XPT/Classic
	µg/ml	81.0	64.8	97.2	
	µmol/l	526	421	631	Siemens Dimension
	µg/ml	75.9	60.8	91.0	
	µmol/l	550	440	660	Siemens Immulite 2000/2500
	µg/ml	79.4	63.5	95.3	
	µmol/l	555	444	666	Siemens Immulite 1000
	µg/ml	80.1	64.1	96.1	
	µmol/l	536	429	643	Roche Integra
	µg/ml	77.3	61.9	92.7	
	µmol/l	602	482	722	Vitros
	µg/ml	86.9	69.6	104	
	µmol/l	557	446	668	Roche Cobas E411
	µg/ml	80.4	64.4	96.4	
	µmol/l	554	443	665	Roche Cobas 6000/8000
	µg/ml	79.9	63.9	95.9	
	µmol/l	526	421	631	Beckman DxC
	µg/ml	75.9	60.8	91.0	
µmol/l	564	451	677	Beckman AU400/600/640/2700/5400	
µg/ml	81.4	65.1	97.7		
万古霉素	µmol/l	7.52	6.02	9.02	Roche Integra
	µg/ml	11.2	8.94	13.5	
	µmol/l	6.14	4.91	7.37	Ortho Vitros Microslide Systems
	µg/ml	9.12	7.29	11.0	
	µmol/l	7.39	5.91	8.87	Abbott Architect
	µg/ml	11.0	8.78	13.2	
	µmol/l	5.69	4.44	6.94	Siemens Centaur XP/XPT/Classic
	µg/ml	8.45	6.59	10.3	

免疫质控品-水平 2

货号: IA3110 / IA3112

批号: 1939EC

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
万古霉素	μmol/l	6.77	5.42	8.12	Siemens Dimension
	μg/ml	10.1	8.05	12.2	
	μmol/l	6.55	5.24	7.86	Roche Cobas 6000/8000
	μg/ml	9.73	7.79	11.7	
	μmol/l	6.29	5.03	7.55	Beckman DxC
	μg/ml	9.35	7.47	11.2	
维生素 B12	μmol/l	6.17	4.94	7.40	Thermo Scientific QMS Vancomycin
	μg/ml	9.17	7.34	11.0	
	pmol/l	419	335	503	Abbott Architect
	pg/ml	568	454	682	
	pmol/l	469	352	586	Siemens Centaur XP/XPT/Classic
	pg/ml	635	476	794	
	pmol/l	417	334	500	Siemens Immulite 2000
	pg/ml	565	453	677	
	pmol/l	356	285	427	Beckman Dxl800
	pg/ml	482	386	578	
	pmol/l	439	351	527	罗氏电化学发光法Roche Elecsys
	pg/ml	595	476	714	
	pmol/l	373	298	448	Beckman Access
	pg/ml	505	404	606	
	pmol/l	561	449	673	Tosoh Series
	pg/ml	760	608	912	
	pmol/l	437	350	524	Vitros Eci
	pg/ml	592	474	710	
pmol/l	507	406	608	MP Biomedicals RIA	
pg/ml	687	550	824		
pmol/l	424	339	509	Siemens Dimension	
pg/ml	575	459	691		
pmol/l	540	405	675	Siemens Centaur CP	
pg/ml	732	549	915		