

免疫质控品

货号: IA3111

包装: 12x5ml

批号: 1766EC

效期: 2020-10

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 $\pm$ 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 进行下载。

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
17-羟基孕酮	nmol/l	26.8	20.1	33.5	Immunotech RIA
	ng/ml	8.87	6.65	11.1	
	nmol/l	32.5	24.4	40.6	DIAsource RIA
	ng/ml	10.8	8.08	13.5	
	nmol/l	38.0	28.5	47.5	DiaMetra ELISA
	ng/ml	12.6	9.43	15.8	
25-OH-维生素 D	nmol/l	100	75.0	125	Diasorin Liaison
	nmol/l	127	95.3	159	Siemens Centaur XP/XPT/Classic
	nmol/l	70.7	53.0	88.4	Roche Vitamin D Total
	nmol/l	92.2	69.2	115	HPLC
	nmol/l	84.1	63.1	105	Abbott Architect
	nmol/l	88.6	66.5	111	IDS iSYS
	nmol/l	107	80.3	134	Vitros Eci
	nmol/l	81.5	61.1	102	Tosoh Series
	nmol/l	78.9	59.2	98.6	BioMerieux Vidas
	nmol/l	81.6	61.2	102	Beckman Dxl 600/800
	nmol/l	93.9	70.4	117	Fujirebio Lumipulse G Series
	nmol/l	85.8	64.4	107	Beckman Access 25 OH Vitamin D Total
促肾上腺皮质激素	pmol/l	39.1	29.3	48.9	Siemens Immulite 2000/2500
	pg/ml	178	133	223	
	pmol/l	33.3	25.0	41.6	Roche Cobas 6000/8000
	pg/ml	151	114	188	
	pmol/l	85.1	63.8	106	CIS IRMA
	pg/ml	387	290	484	
	pmol/l	42.1	31.6	52.6	Siemens Immulite 1000
	pg/ml	191	144	238	
醛固酮	pmol/l	51.4	38.6	64.3	Diasorin Liaison
	pg/ml	234	175	293	
	pmol/l	596	447	745	Diasorin Liaison
甲胎蛋白 (AFP)	pg/ml	215	161	269	
	KIU/l = IU/ml	202	162	242	Abbott Architect
	ng/ml	244	196	292	
	KIU/l = IU/ml	238	190	286	BioMerieux Vidas
	ng/ml	288	230	346	
	KIU/l = IU/ml	239	189	289	Siemens Centaur XP/XPT/Classic
	ng/ml	289	228	350	
	KIU/l = IU/ml	207	166	248	Siemens Immulite 2000/2500
	ng/ml	250	201	299	
	KIU/l = IU/ml	208	166	250	Siemens Immulite 1000
	ng/ml	252	201	303	
	KIU/l = IU/ml	195	156	234	Beckman Dxl800
	ng/ml	236	189	283	

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甲胎蛋白 (AFP)	KIU/l = IU/ml	216	173	259	Roche Elecsys
	ng/ml	261	209	313	
	KIU/l = IU/ml	216	162	270	Diasorin Liaison
	ng/ml	261	196	326	
	KIU/l = IU/ml	223	178	268	Roche Modular E170
	ng/ml	270	215	325	
	KIU/l = IU/ml	206	165	247	Beckman Access
	ng/ml	249	200	298	
	KIU/l = IU/ml	191	153	229	Tosoh Series
	ng/ml	231	185	277	
	KIU/l = IU/ml	219	175	263	Vitros ECI
	ng/ml	227	182	274	
	KIU/l = IU/ml	226	181	271	Roche Cobas 6000/8000
	ng/ml	273	219	327	
	KIU/l = IU/ml	312	242	382	CIS IRMA
	ng/ml	378	293	463	
丁胺卡那霉素	KIU/l = IU/ml	225	180	270	Roche Cobas E411
	ng/ml	272	218	326	
	KIU/l = IU/ml	220	176	264	Fujirebio Lumipulse G Series
	ng/ml	266	213	319	
雄烯二酮	KIU/l = IU/ml	229	183	275	Siemens Dimension
	ng/ml	277	221	333	
	KIU/l = IU/ml	245	194	296	Siemens Centaur CP
	ng/ml	296	234	358	
β-2-微球蛋白	μmol/l	23.2	18.6	27.8	Roche Cobas 6000/8000
	μg/ml	13.6	10.9	16.3	
	μmol/l	24.1	19.3	28.9	Gravimetric
	μg/ml	14.1	11.3	16.9	
雄烯二酮	nmol/l	39.5	29.6	49.4	Siemens Immulite 2000
	ng/ml	11.3	8.50	14.1	
β-2-微球蛋白	μg/ml = mg/l	6.80	5.44	8.16	Abbott Architect
	μg/ml = mg/l	6.84	5.47	8.21	BioMerieux Vidas
	μg/ml = mg/l	6.95	5.56	8.34	Behring Nephelometer
	μg/ml = mg/l	5.67	4.54	6.80	Siemens Immulite 2000/2500
	μg/ml = mg/l	6.25	5.00	7.50	Siemens Immulite 1000
	μg/ml = mg/l	5.72	4.58	6.86	Diasorin Liaison
	μg/ml = mg/l	6.64	5.31	7.97	Tosoh Series
	μg/ml = mg/l	6.71	5.37	8.05	Roche Cobas E411
	μg/ml = mg/l	6.58	5.26	7.90	Roche Cobas 6000/8000
	μg/ml = mg/l	7.18	5.74	8.62	Siemens Dimension
	μg/ml = mg/l	5.95	4.76	7.14	Fujirebio Lumipulse G Series
	μg/ml = mg/l	7.20	5.76	8.64	Siemens ADVIA 1200/1650/1800/2400
C-肽	nmol/l	3.050	2.290	3.810	Siemens Immulite 2000/2500
	ng/ml	9.21	6.91	11.5	
	nmol/l	3.260	2.450	4.080	Roche Elecsys
	ng/ml	9.84	7.40	12.3	

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C-肽	nmol/l	3.090	2.320	3.860	Roche Cobas 6000/8000
	ng/ml	9.33	7.00	11.7	
	nmol/l	3.120	2.340	3.900	Siemens Immulite 1000
	ng/ml	9.42	7.06	11.8	
	nmol/l	3.410	2.560	4.260	Diasorin Liaison
	ng/ml	10.3	7.73	12.9	
	nmol/l	3.090	2.320	3.860	Roche Cobas E411
	ng/ml	9.33	7.00	11.7	
	nmol/l	2.970	2.230	3.710	Roche Modular E170
	ng/ml	8.97	6.73	11.2	
	nmol/l	2.860	2.150	3.580	Abbott Architect
	ng/ml	8.63	6.49	10.8	
	nmol/l	2.530	1.900	3.160	Siemens Centaur XP/XPT/Classic
	ng/ml	7.64	5.73	9.55	
	nmol/l	2.860	2.150	3.580	Tosoh Series
	ng/ml	8.63	6.49	10.8	
CA 15-3	nmol/l	2.900	2.180	3.630	Fujirebio Lumipulse G Series
	ng/ml	8.76	6.58	10.9	
	nmol/l	2.827	2.072	3.581	Ortho Vitros ECI
	ng/ml	8.54	6.26	10.8	
	U/ml	86.5	69.2	104	Abbott Architect
	U/ml	68.9	55.1	82.7	BioMerieux Vidas
	U/ml	79.3	54.7	104	Siemens Centaur XP/XPT/Classic
	U/ml	82.7	66.2	99.0	Siemens Immulite 2000/2500
	U/ml	101	80.8	121	Siemens Immulite 1000
	U/ml	35.3	28.2	42.4	Beckman Dxl800
	U/ml	79.0	63.2	94.8	Roche Elecsys
	U/ml	87.1	69.7	105	Diasorin Liaison
	U/ml	82.0	65.6	98.4	Roche Modular E170
	U/ml	34.9	27.9	41.9	Beckman Access
	U/ml	84.1	60.7	108	Tosoh Series
CA 19-9	U/ml	72.0	57.6	86.4	Vitros ECI
	U/ml	80.6	64.5	96.7	Roche Cobas 6000/8000
	U/ml	79.2	63.4	95.0	Roche Cobas E411
	U/ml	89.3	71.4	107	Fujirebio Lumipulse G Series
	U/ml	78.4	54.1	103	Siemens Centaur CP
	U/ml	1925	1540	2310	Abbott Architect
	U/ml	413	330	496	BioMerieux Vidas
	U/ml	594	410	778	Siemens Centaur XP/XPT/Classic
	U/ml	238	177	299	Siemens Immulite 2000/2500
	U/ml	223	178	268	Beckman Dxl800
	U/ml	137	110	164	Roche Elecsys
	U/ml	351	274	428	Diasorin Liaison
	U/ml	138	110	166	Roche Modular E170
	U/ml	255	204	306	Beckman Access
	U/ml	104	83.2	125	Tosoh Series

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CA 19-9	U/ml	401	321	481	Vitros ECI
	U/ml	1931	1545	2317	Abbott Architect XR/XR2 kit
	U/ml	139	111	167	Roche Cobas 6000/8000
	U/ml	142	114	170	Roche Cobas E411
	U/ml	325	260	390	Fujirebio Lumipulse G Series
	U/ml	565	390	740	Siemens Centaur CP
CA125	U/ml	299	239	359	Abbott Architect
	U/ml	243	194	292	BioMerieux Vidas
	U/ml	253	175	331	Siemens Centaur XP/XPT/Classic OV Kit
	U/ml	257	177	337	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	245	196	294	Siemens Immulite 2000/2500
	U/ml	276	221	331	Siemens Immulite 1000
	U/ml	210	168	252	Beckman Dxl800
	U/ml	215	172	258	Roche Elecsys
	U/ml	273	205	341	Diasorin Liaison
	U/ml	214	171	257	Roche Modular E170
	U/ml	206	165	247	Beckman Access
	U/ml	376	301	451	Tosoh Series
	U/ml	237	190	284	Vitros ECI
	U/ml	218	174	262	Roche Cobas E411
	U/ml	216	173	259	Roche Cobas 6000/8000
	U/ml	219	175	263	Fujirebio Lumipulse G Series
	U/ml	259	179	339	Siemens Centaur CP CA125 II kit
立痛定（卡马西平）	μmol/l	71.2	57.0	85.4	Abbott Architect
	μg/ml	16.8	13.5	20.1	
	μmol/l	75.0	46.5	104	Siemens Centaur XP/XPT/Classic
	μg/ml	17.7	11.0	24.4	
	μmol/l	67.0	53.6	80.4	Siemens Dimension
	μg/ml	15.8	12.7	18.9	
	μmol/l	64.5	51.6	77.4	Siemens Immulite 2000/2500
	μg/ml	15.2	12.2	18.2	
	μmol/l	64.4	51.5	77.3	Siemens Immulite 1000
	μg/ml	15.2	12.2	18.2	
	μmol/l	75.7	60.6	90.8	Roche Integra
	μg/ml	17.9	14.3	21.5	
	μmol/l	70.2	56.2	84.2	Vitros
	μg/ml	16.6	13.3	19.9	
	μmol/l	67.8	54.2	81.4	Roche Cobas E411
	μg/ml	16.0	12.8	19.2	
	μmol/l	69.3	55.4	83.2	Roche Cobas 6000/8000
	μg/ml	16.4	13.1	19.7	
	μmol/l	66.9	53.5	80.3	Beckman DxC
	μg/ml	15.8	12.6	19.0	
	μmol/l	70.2	56.2	84.2	Beckman AU400/600/640/2700/5400
	μg/ml	16.6	13.3	19.9	
	μmol/l	71.5	57.2	85.8	Siemens ADVIA 1200/1650/1800/2400
	μg/ml	16.9	13.5	20.3	

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立痛定 (卡马西平)	μmol/l	72.2	57.8	86.6	Gravimetric
	μg/ml	17.1	13.7	20.5	
癌胚抗原 (CEA)	ng/ml = μg/l	65.2	52.2	78.2	Abbott Architect
	ng/ml = μg/l	54.5	43.6	65.4	BioMerieux Vidas
	ng/ml = μg/l	57.8	39.9	75.7	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	40.2	32.2	48.2	CIS RIA Coated tube
	ng/ml = μg/l	76.1	60.9	91.3	Siemens Immulite 2000/2500
	ng/ml = μg/l	75.8	60.6	91.0	Siemens Immulite 1000
	ng/ml = μg/l	48.6	38.9	58.3	Beckman Dxl800
	ng/ml = μg/l	47.6	38.1	57.1	Roche Elecsys
	ng/ml = μg/l	49.8	39.8	59.8	Diasorin Liaison
	ng/ml = μg/l	46.9	37.5	56.3	Roche Modular E170
	ng/ml = μg/l	51.7	41.4	62.0	Beckman Access
	ng/ml = μg/l	87.6	70.1	105	Tosoh Series
	ng/ml = μg/l	62.2	49.8	74.6	Vitros ECI
	ng/ml = μg/l	47.3	37.8	56.8	Roche Cobas 6000/8000
	ng/ml = μg/l	47.6	38.1	57.1	Roche Cobas E411
	ng/ml = μg/l	78.2	62.6	93.8	Fujirebio Lumipulse G Series
	ng/ml = μg/l	58.6	40.4	76.8	Siemens Centaur CP
皮质醇	nmol/l	780	585	975	Abbott Architect
	μg/dl	28.1	21.1	35.1	
	nmol/l	824	618	1030	BioMerieux Vidas
	μg/dl	29.7	22.2	37.2	
	nmol/l	1075	742	1408	Siemens Centaur XP/XPT/Classic
	μg/dl	38.7	26.7	50.7	
	nmol/l	760	570	950	CIS RIA
	μg/dl	27.4	20.5	34.3	
	nmol/l	877	658	1096	Siemens Immulite 2000/2500
	μg/dl	31.6	23.7	39.5	
	nmol/l	938	704	1173	Siemens Immulite 1000
	μg/dl	33.8	25.3	42.3	
	nmol/l	881	661	1101	Beckman Dxl800
	μg/dl	31.7	23.8	39.6	
	nmol/l	939	704	1174	Roche Elecsys
	μg/dl	33.8	25.3	42.3	
	nmol/l	950	713	1188	Diasorin Liaison
	μg/dl	34.2	25.7	42.7	
	nmol/l	885	664	1106	Roche Modular E170
	μg/dl	31.9	23.9	39.9	
nmol/l	951	713	1189	Beckman Access	
μg/dl	34.2	25.7	42.7		
nmol/l	952	714	1190	Tosoh Series	
μg/dl	34.3	25.7	42.9		
nmol/l	872	654	1090	Vitros ECI	
μg/dl	31.4	23.5	39.3		

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皮质醇	nmol/l	886	665	1108	Roche Cobas 6000/8000
	µg/dl	31.9	23.9	39.9	
	nmol/l	930	698	1163	Roche Cobas E411
	µg/dl	33.5	25.1	41.9	
	nmol/l	1151	794	1508	Siemens Centaur CP
	µg/dl	41.4	28.6	54.2	
	nmol/l	875	656	1094	Roche Modular E170 Gen II
	µg/dl	31.5	23.6	39.4	
去表雄酮硫酸盐	nmol/l	956	717	1195	Roche Cobas 4000/e411 Gen II
	µg/dl	34.4	25.8	43.0	
	nmol/l	856	642	1070	Roche Cobas 6000/8000 Gen II
	µg/dl	30.8	23.1	38.5	
	µmol/l	21.5	17.2	25.8	Abbott Architect
	µmol/l	17.5	14.0	21.0	Siemens Immulite 2000/2500
	µmol/l	17.2	13.8	20.6	Siemens Immulite 1000
	µmol/l	15.9	12.7	19.1	Beckman Dxl800
	µmol/l	25.2	20.2	30.2	Roche Elecsys
	µmol/l	24.9	19.9	29.9	Roche Modular E170
	µmol/l	16.7	13.4	20.0	Beckman Access
	µmol/l	17.0	12.8	21.2	Diasorin Liaison
地高辛	µmol/l	17.0	10.2	23.8	Siemens Centaur XP/XPT/Classic
	µmol/l	24.9	19.9	29.9	Roche Cobas E411
	µmol/l	25.1	20.1	30.1	Roche Cobas 6000/8000
	nmol/l	4.17	3.34	5.00	Abbott Architect
	ng/ml	3.26	2.61	3.91	
	nmol/l	4.60	3.68	5.52	BioMerieux Vidas
	ng/ml	3.59	2.87	4.31	
	nmol/l	5.28	4.12	6.44	Siemens Centaur XP/XPT/Classic
	ng/ml	4.12	3.21	5.03	
	nmol/l	4.65	3.72	5.58	Siemens Dimension
	ng/ml	3.63	2.91	4.35	
	nmol/l	5.33	4.26	6.40	Siemens Immulite 2000/2500
	ng/ml	4.16	3.33	4.99	
	nmol/l	6.09	4.87	7.31	Siemens Immulite 1000
	ng/ml	4.76	3.80	5.72	
	nmol/l	4.87	3.90	5.84	Beckman Dxl800
	ng/ml	3.80	3.05	4.55	
	nmol/l	4.95	3.96	5.94	Roche Elecsys
	ng/ml	3.87	3.09	4.65	
	nmol/l	4.70	3.76	5.64	Roche Integra
	ng/ml	3.67	2.94	4.40	
	nmol/l	4.84	3.87	5.81	Vitros
	ng/ml	3.78	3.02	4.54	
	nmol/l	4.80	3.84	5.76	Roche Cobas 6000/8000
	ng/ml	3.75	3.00	4.50	
	nmol/l	4.23	3.38	5.08	Beckman DxC
	ng/ml	3.30	2.64	3.96	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
地高辛	nmol/l	4.96	3.97	5.95	Beckman AU400/600/640/2700/5400
	ng/ml	3.87	3.10	4.64	
	nmol/l	4.74	3.79	5.69	Siemens ADVIA 1200/1650/1800/2400
	ng/ml	3.70	2.96	4.44	
	nmol/l	4.89	3.91	5.87	Roche Cobas 4000/E411
	ng/ml	3.82	3.05	4.59	
	nmol/l	5.12	4.10	6.14	Gravimetric
	ng/ml	4.00	3.20	4.80	
乙琥胺	μmol/l	493	394	592	Gravimetric
	μg/ml	69.9	55.9	83.9	
血清铁蛋白	ng/ml = μg/l	378	302	454	Abbott Architect
	ng/ml = μg/l	276	215	337	BioMerieux Vidas
	ng/ml = μg/l	266	213	319	Roche Tinaquant
	ng/ml = μg/l	297	232	362	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	290	247	333	Siemens Dimension
	ng/ml = μg/l	293	234	352	Siemens Immulite 2000/2500
	ng/ml = μg/l	250	200	300	Siemens Immulite 1000
	ng/ml = μg/l	227	182	272	Beckman Dxl800
	ng/ml = μg/l	325	260	390	Roche Elecsys
	ng/ml = μg/l	314	244	384	Diasorin Liaison
	ng/ml = μg/l	316	253	379	Roche Modular E170
	ng/ml = μg/l	229	183	275	Beckman Access
	ng/ml = μg/l	228	182	274	Tosoh Series
	ng/ml = μg/l	205	164	246	Vitros ECI
	ng/ml = μg/l	283	226	340	Immunotech IRMA
	ng/ml = μg/l	316	239	393	Roche Cobas E411
	ng/ml = μg/l	264	211	317	Beckman AU400/600/640/2700/5400
	ng/ml = μg/l	188	150	226	Fujirebio Lumipulse G Series
	ng/ml = μg/l	280	218	342	Siemens Centaur CP
叶酸	nmol/l	23.2	17.6	28.8	Abbott Architect
	ng/ml	10.2	7.76	12.6	
	nmol/l	46.5	27.9	65.1	Siemens Centaur XP/XPT/Classic (enhanced kit)
	ng/ml	20.5	12.3	28.7	
	nmol/l	20.0	15.2	24.8	Siemens Immulite 2000
	ng/ml	8.82	6.70	10.9	
	nmol/l	26.1	19.8	32.4	Beckman Dxl800
	ng/ml	11.5	8.73	14.3	
	nmol/l	30.2	23.0	37.4	Roche Elecsys
	ng/ml	13.3	10.1	16.5	
	nmol/l	27.6	21.0	34.2	Roche Modular E170
	ng/ml	12.2	9.26	15.1	
	nmol/l	26.7	20.3	33.1	Beckman Access
	ng/ml	11.8	8.95	14.7	
	nmol/l	38.0	28.9	47.1	Tosoh Series
	ng/ml	16.8	12.7	20.9	

免疫质控品-水平3

货号: IA3111		批号: 1766EC		效期: 2020-10		
规格: 12 x 5ml		范围				
分析物	单位	靶值	低值	高值	方法学	
叶酸	nmol/l	16.6	12.6	20.6	Vitros ECI	
	ng/ml	7.32	5.56	9.08		
	nmol/l	28.3	21.5	35.1	Roche Cobas E411	
	ng/ml	12.5	9.48	15.5		
	nmol/l	28.0	21.3	34.7	Roche Cobas 6000/8000	
	ng/ml	12.3	9.39	15.2		
	nmol/l	15.8	12.0	19.6	Siemens Dimension	
	ng/ml	6.97	5.29	8.65		
	nmol/l	47.4	28.4	66.4	Siemens Centaur CP (enhanced kit)	
	ng/ml	20.9	12.5	29.3		
	nmol/l	27.8	21.1	34.5	Roche Cobas 6000/8000 Folate III	
	ng/ml	12.3	9.31	15.3		
游离 T3	nmol/l	26.0	18.8	33.2	Roche Cobas 4000/e411 Folate III	
	ng/ml	11.5	8.29	14.7		
	pmol/l	25.4	19.1	31.8	Abbott Architect	
		ng/dl	1.65	1.24		2.06
		pg/ml	16.5	12.4		20.6
	pmol/l	25.6	19.2	32.0	BioMerieux Vidas	
		ng/dl	1.66	1.25		2.07
		pg/ml	16.7	12.5		20.9
	pmol/l	26.1	15.7	36.5	Siemens Centaur XP/XPT/Classic	
		ng/dl	1.70	1.02		2.38
		pg/ml	17.0	10.2		23.8
	pmol/l	16.8	12.6	21.0	Siemens Immulite 2000/2500	
		ng/dl	1.09	0.819		1.36
		pg/ml	10.9	8.20		13.6
	pmol/l	16.0	12.0	20.0	Siemens Immulite 1000	
		ng/dl	1.04	0.780		1.30
		pg/ml	10.4	7.81		13.0
	pmol/l	19.6	14.7	24.5	Beckman Dxl800	
		ng/dl	1.27	0.956		1.58
		pg/ml	12.8	9.57		16.0
	pmol/l	31.3	23.5	39.1	Roche Elecsys	
		ng/dl	2.03	1.53		2.53
		pg/ml	20.4	15.3		25.5
	pmol/l	44.2	33.2	55.3	Diasorin Liaison	
		ng/dl	2.87	2.16		3.58
		pg/ml	28.8	21.6		36.0
	pmol/l	31.2	23.4	39.0	Roche Modular E170	
		ng/dl	2.03	1.52		2.54
		pg/ml	20.3	15.2		25.4
	pmol/l	20.9	15.7	26.1	Beckman Access	
		ng/dl	1.36	1.02		1.70
		pg/ml	13.6	10.2		17.0
	pmol/l	43.1	32.3	53.9	Tosoh Series	
		ng/dl	2.80	2.10		3.50
		pg/ml	28.1	21.0		35.2

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
游离 T3	pmol/l	35.0	26.3	43.8	Vitros ECI
	ng/dl	2.28	1.71	2.85	
	pg/ml	22.8	17.1	28.5	
	pmol/l	31.2	23.4	39.0	Roche Cobas E411
	ng/dl	2.03	1.52	2.54	
	pg/ml	20.3	15.2	25.4	
	pmol/l	36.2	27.2	45.3	Siemens Dimension Vista LOCI
	ng/dl	2.35	1.77	2.93	
	pg/ml	23.6	17.7	29.5	
	pmol/l	24.8	14.9	34.7	Siemens Centaur CP
	ng/dl	1.61	0.970	2.25	
	pg/ml	16.1	9.66	22.5	
游离 T4	pmol/l	31.7	23.8	39.6	Roche Cobas 6000/8000
	ng/dl	2.06	1.55	2.57	
	pg/ml	20.6	15.5	25.8	
	pmol/l	57.1	42.8	71.4	Abbott Architect
	ng/dl	4.45	3.34	5.56	
	pg/ml	44.5	33.4	55.6	
	pmol/l	61.6	46.2	77.0	Siemens Centaur XP/XPT/Classic
	ng/dl	4.80	3.60	6.00	
	pg/ml	48.0	36.0	60.0	
	pmol/l	62.7	47.0	78.4	CIS RIA Coated tube
	ng/dl	4.89	3.67	6.11	
	pg/ml	48.9	36.7	61.1	
	pmol/l	91.8	68.9	115	Siemens Immulite 2000/2500
	ng/dl	7.16	5.37	8.95	
	pg/ml	71.6	53.7	89.5	
	pmol/l	77.1	57.8	96.4	Siemens Immulite 1000
	ng/dl	6.01	4.51	7.51	
	pg/ml	60.1	45.1	75.1	
	pmol/l	63.6	47.7	79.5	Beckman Dxl800
	ng/dl	4.96	3.72	6.20	
	pg/ml	49.6	37.2	62.0	
	pmol/l	92.8	69.6	116	Roche Elecsys
	ng/dl	7.24	5.43	9.05	
	pg/ml	72.4	54.3	90.5	
	pmol/l	123	92.3	154	Diasorin Liaison
	ng/dl	9.59	7.20	12.0	
	pg/ml	95.9	72.0	120	
	pmol/l	95.0	71.3	119	Roche Modular E170
	ng/dl	7.41	5.56	9.26	
	pg/ml	74.1	55.6	92.6	
	pmol/l	59.9	44.9	74.9	Beckman Access
	ng/dl	4.67	3.50	5.84	
	pg/ml	46.7	35.0	58.4	

免疫质控品-水平3

货号: IA3111		批号: 1766EC		效期: 2020-10		
规格: 12 x 5ml		范围				
分析物	单位	靶值	低值	高值	方法学	
游离 T4	pmol/l	89.2	66.9	112	Tosoh Series	
	ng/dl	6.96	5.22	8.70		
	pg/ml	69.6	52.2	87.0		
	pmol/l	89.8	67.4	112	Vitros ECI	
	ng/dl	7.00	5.26	8.74		
	pg/ml	70.0	52.6	87.4		
	pmol/l	95.1	71.3	119	Roche Cobas 6000/8000	
	ng/dl	7.42	5.56	9.28		
	pg/ml	74.2	55.6	92.8		
	pmol/l	64.9	48.7	81.1	Immunotech IRMA	
	ng/dl	5.06	3.80	6.32		
	pg/ml	50.6	38.0	63.2		
	pmol/l	94.3	70.7	118	Roche Cobas E411	
	ng/dl	7.36	5.51	9.21		
	pg/ml	73.6	55.1	92.1		
	pmol/l	55.0	41.3	68.8	ELISA	
	ng/dl	4.29	3.22	5.36		
	pg/ml	42.9	32.2	53.6		
	pmol/l	94.2	70.7	118	Biomerieux Vidas FT4N Kit	
	ng/dl	7.35	5.51	9.19		
	pg/ml	73.5	55.1	91.9		
	pmol/l	69.6	52.2	87.0	Siemens Centaur CP	
	ng/dl	5.43	4.07	6.79		
	pg/ml	54.3	40.7	67.9		
卵泡刺激素 (FSH)	mU/ml	48.6	38.9	58.3	Abbott Architect	
	mU/ml	66.8	53.4	80.2	BioMerieux Vidas	
	mU/ml	73.5	57.3	89.7	Siemens Centaur XP/XPT/Classic	
	mU/ml	57.4	45.9	68.9	Siemens Immulite 2000/2500	
	mU/ml	55.5	44.4	66.6	Siemens Immulite 1000	
	mU/ml	58.4	46.7	70.1	Beckman Dxl800	
	mU/ml	57.5	46.0	69.0	Roche/BM Elecsys	
	mU/ml	70.2	56.2	84.2	Diasorin Liaison	
	mU/ml	52.7	42.2	63.2	Roche Modular E170	
	mU/ml	58.1	46.5	69.7	Beckman Access	
	mU/ml	55.7	44.6	66.8	Tosoh Series	
	mU/ml	45.8	36.6	55.0	Vitros ECI	
	mU/ml	57.8	46.2	69.4	Roche Cobas E411	
	mU/ml	54.7	43.8	65.6	Roche Cobas 6000/8000	
	mU/ml	46.2	37.0	55.4	Fujirebio Lumipulse G Series	
	mU/ml	63.1	49.2	77.0	Siemens Centaur CP	
	庆大霉素	μmol/l	12.3	9.30	15.3	Siemens Centaur XP/XPT/Classic
		μg/ml	5.88	4.47	7.29	
μmol/l		9.82	7.86	11.8	Siemens Dimension Vista	
μg/ml		4.69	3.76	5.62		
μmol/l		8.30	6.64	9.96	Roche Cobas 6000/8000	
μg/ml		3.97	3.17	4.77		

免疫质控品-水平3

货号: IA3111		批号: 1766EC		效期: 2020-10	
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
庆大霉素	μmol/l	12.5	10.0	15.0	Beckman DxC
	μg/ml	5.98	4.78	7.18	
	μmol/l	11.7	9.36	14.0	Gravimetric
	μg/ml	5.59	4.47	6.69	
生长激素 (GH)	μU/ml	48.8	39.0	58.6	Siemens Immulite 2000/2500
	ng/ml	16.3	13.0	19.6	
	μU/ml	47.1	37.7	56.5	Siemens Immulite 1000
	ng/ml	15.7	12.6	18.8	
	μU/ml	40.1	32.1	48.1	Beckman Dxl800
	ng/ml	13.4	10.7	16.1	
	μU/ml	46.3	37.0	55.6	Roche Elecsys
	ng/ml	15.4	12.3	18.5	
	μU/ml	41.4	33.1	49.7	Beckman Access
	ng/ml	13.8	11.0	16.6	
	μU/ml	48.3	38.6	58.0	Tosoh Series
	ng/ml	16.1	12.9	19.3	
	μU/ml	46.1	36.9	55.3	Diasorin Liaison
	ng/ml	15.4	12.3	18.5	
	μU/ml	44.5	35.6	53.4	Roche Cobas E411
	ng/ml	14.8	11.9	17.7	
免疫球蛋白 E	μU/ml	44.4	35.5	53.3	Roche Cobas 6000/8000
	ng/ml	14.8	11.8	17.8	
	μU/ml	43.2	34.6	51.8	IDS iSYS
	ng/ml	14.4	11.5	17.3	
	KIU/l = IU/ml	484	387	581	Abbott Architect
	KIU/l = IU/ml	430	322	538	BioMerieux Vidas
	KIU/l = IU/ml	428	257	599	Siemens Centaur XP/XPT/Classic
	KIU/l = IU/ml	455	364	546	Siemens Immulite 2000/2500
	KIU/l = IU/ml	482	386	578	Siemens Immulite 1000
	KIU/l = IU/ml	468	374	562	Beckman Dxl800
	KIU/l = IU/ml	469	372	566	Roche Elecsys
	KIU/l = IU/ml	414	331	497	Pharmacia Unicap
	KIU/l = IU/ml	493	394	592	Roche Modular E170
	KIU/l = IU/ml	472	378	566	Tosoh Series
	KIU/l = IU/ml	494	395	593	Roche Cobas E411
	KIU/l = IU/ml	494	395	593	Roche Cobas 6000/8000
胰岛素	KIU/l = IU/ml	389	311	467	Fujirebio Lumipulse G Series
	KIU/l = IU/ml	442	265	619	Siemens Centaur CP
	mU/l	33.0	24.8	41.2	Siemens Centaur XP/XPT/Classic
	μU/ml	33.0	24.8	41.2	
	mU/l	8.72	6.54	10.9	Siemens Immulite 1000
	μU/ml	8.72	6.54	10.9	
	mU/l	33.2	24.9	41.5	Roche Modular E170
	μU/ml	33.2	24.9	41.5	
	mU/l	9.32	6.99	11.7	Siemens Immulite 2000
	μU/ml	9.32	6.99	11.7	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
胰岛素	mU/l	32.8	24.6	41.0	Roche Elecsys
	μU/ml	32.8	24.6	41.0	
	mU/l	28.7	21.5	35.9	Beckman Access
	μU/ml	28.7	21.5	35.9	
	mU/l	27.4	20.6	34.3	Abbott Architect
	μU/ml	27.4	20.6	34.2	
	mU/l	34.5	25.9	43.1	Tosoh Series
	μU/ml	34.5	25.9	43.1	
	mU/l	32.6	24.5	40.8	Roche Cobas E411
	μU/ml	32.6	24.5	40.7	
	mU/l	28.7	21.5	35.9	Beckman Dxl 600/800
	μU/ml	28.7	21.5	35.9	
	mU/l	36.8	27.6	46.0	Diasorin Liaison
	μU/ml	36.8	27.6	46.0	
	mU/l	32.7	24.5	40.9	Fujirebio Lumipulse G Series
	μU/ml	32.7	24.5	40.9	
	mU/l	32.4	24.3	40.5	Siemens Centaur CP
	μU/ml	32.4	24.3	40.5	
	mU/l	32.4	24.3	40.5	Roche Cobas 6000/8000
	μU/ml	32.4	24.3	40.5	
	mU/l	29.0	20.1	37.9	Ortho Vitros ECI
	μU/ml	29.0	20.1	37.9	
促黄体生成素 (LH)	mU/ml	36.5	29.2	43.8	Abbott Architect
	mU/ml	43.5	34.8	52.2	BioMerieux Vidas
	mU/ml	44.3	34.1	54.5	Siemens Centaur XP/XPT/Classic
	mU/ml	60.9	48.7	73.1	Siemens Immulite 2000
	mU/ml	61.6	49.3	73.9	Siemens Immulite 1000
	mU/ml	33.6	26.9	40.3	Beckman Dxl800
	mU/ml	46.6	37.3	55.9	Roche Elecsys
	mU/ml	53.4	42.7	64.1	Diasorin Liaison
	mU/ml	45.7	36.6	54.8	Roche Modular E170
	mU/ml	33.7	27.0	40.4	Beckman Access
	mU/ml	41.8	33.4	50.2	Tosoh Series
	mU/ml	48.3	38.6	58.0	Vitros ECI
	mU/ml	45.9	36.7	55.1	Roche Cobas E411
	mU/ml	46.3	37.0	55.6	Roche Cobas 6000/8000
	mU/ml	41.6	33.3	49.9	Fujirebio Lumipulse G Series
	mU/ml	44.5	34.3	54.7	Siemens Centaur CP
雌二醇 (E2)	pmol/l	1150	920	1380	Abbott Architect
	pg/ml	313	250	376	
	pmol/l	2607	2086	3128	BioMerieux Vidas
	pg/ml	709	567	851	
	pmol/l	2137	1325	2949	Siemens Centaur XP/XPT/Classic
	pg/ml	581	360	802	
	pmol/l	2099	1679	2519	Siemens Immulite 2000/2500
	pg/ml	571	457	685	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
雌二醇 (E2)	pmol/l	2331	1865	2797	Siemens Immulite 1000
	pg/ml	634	507	761	
	pmol/l	2085	1668	2502	Beckman Dxl800
	pg/ml	567	454	680	
	pmol/l	1345	1076	1614	Roche Elecsys (Estradiol II)
	pg/ml	366	293	439	
	pmol/l	1311	1049	1573	Roche Modular E170 (Estradiol II)
	pg/ml	357	285	429	
	pmol/l	2097	1678	2516	Beckman Access
	pg/ml	570	456	684	
	pmol/l	1677	1342	2012	Tosoh (E2)
	pg/ml	456	365	547	
	pmol/l	2152	1722	2582	Vitros ECI
	pg/ml	585	468	702	
	pmol/l	1325	1060	1590	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	360	288	432	
	pmol/l	1337	1070	1604	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	364	291	437	
	pmol/l	2162	1340	2984	Siemens Centaur XP/XPT/Classic Enhanced (eE2)
	pg/ml	588	365	811	
	pmol/l	2205	1367	3043	Siemens Centaur XP/XPT/Classic E26 III
	pg/ml	600	372	828	
	pmol/l	1727	1382	2072	Tosoh (iE2-hsE2)
	pg/ml	470	376	564	
	pmol/l	2180	1352	3008	Siemens Centaur CP
	pg/ml	593	368	818	
	pmol/l	2319	1438	3200	Siemens Centaur CP Enhanced (eE2)
	pg/ml	631	391	871	
	pmol/l	1863	1490	2236	Fujirebio Lumipulse G Series
	pg/ml	507	405	609	
	pmol/l	1329	1063	1595	Roche Cobas 6000/8000 (Estradiol III)
	pg/ml	361	289	433	
	pmol/l	1284	1027	1541	Roche Elecsys (Estradiol III)
	pg/ml	349	279	419	
	pmol/l	1352	1082	1622	Roche Cobas 4000/E411 (Estradiol III)
	pg/ml	368	294	442	
	pmol/l	1305	1044	1566	Roche Modular E170 (Estradiol III)
	pg/ml	355	284	426	
扑热息痛	mmol/l	0.500	0.400	0.600	Abbott Architect
	mg/l	75.7	60.5	90.9	
	mmol/l	0.470	0.376	0.564	Roche Cobas 6000/8000
	mg/l	71.1	56.9	85.3	
	mmol/l	0.529	0.420	0.630	Gravimetric
	mg/l	80.0	63.5	95.3	
苯巴比妥	μmol/l	125	100	150	Abbott Architect
	μg/ml	29.0	23.2	34.8	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
苯巴比妥	μmol/l	109	87.2	131	Roche Cobas 6000/8000
	μg/ml	25.3	20.2	30.4	
	μmol/l	120	96.0	144	Siemens Immulite 2000/2500
	μg/ml	27.8	22.3	33.3	
	μmol/l	125	100	150	Beckman AU400/600/640/2700/5400
	μg/ml	29.0	23.2	34.8	
	μmol/l	149	109	189	Siemens Centaur XP/XPT/Classic
	μg/ml	34.6	25.3	43.9	
	μmol/l	115	92.0	138	Roche Integra
	μg/ml	26.7	21.3	32.1	
	μmol/l	117	93.6	140	Siemens Immulite 1000
	μg/ml	27.1	21.7	32.5	
苯妥英钠	μmol/l	121	96.8	145	Gravimetric
	μg/ml	28.1	22.5	33.6	
	μmol/l	93.4	74.7	112	Abbott Architect
	μg/ml	23.6	18.9	28.3	
	μmol/l	112	87.0	137	Siemens Centaur XP/XPT/Classic
	μg/ml	28.3	22.1	34.5	
	μmol/l	101	80.8	121	Siemens Dimension
	μg/ml	25.5	20.4	30.6	
	μmol/l	95.3	67.9	123	Siemens Immulite 2000/2500
	μg/ml	24.1	17.1	31.1	
	μmol/l	95.7	76.6	115	Siemens Immulite 1000
	μg/ml	24.2	19.3	29.1	
	μmol/l	90.5	72.4	109	Roche Integra
	μg/ml	22.9	18.3	27.5	
	μmol/l	105	84.0	126	Vitros
	μg/ml	26.5	21.2	31.8	
	μmol/l	88.2	70.6	106	Roche Cobas E411
	μg/ml	22.3	17.8	26.8	
扑米酮	μmol/l	90.8	72.6	109	Roche Cobas 6000/8000
	μg/ml	22.9	18.3	27.5	
	μmol/l	88.7	71.0	106	Beckman DxC
	μg/ml	22.4	17.9	26.9	
	μmol/l	99.8	79.8	120	Gravimetric
	μg/ml	25.2	20.1	30.3	
	μmol/l	32.7	26.2	39.2	Gravimetric
	μg/ml	7.14	5.72	8.56	
孕酮	nmol/l	90.3	72.2	108	Abbott Architect
	ng/ml	28.3	22.6	34.0	
	nmol/l	135	108	162	BioMerieux Vidas
	ng/ml	42.3	33.8	50.8	
	nmol/l	69.9	49.7	90.2	Siemens Centaur XP/XPT/Classic
	ng/ml	21.9	15.5	28.3	
	nmol/l	68.4	54.7	82.1	Siemens Immulite 2000/2500
	ng/ml	21.4	17.1	25.7	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
孕酮	nmol/l	80.8	64.6	97.0	Siemens Immulite 1000
	ng/ml	25.3	20.2	30.4	
	nmol/l	100	80.0	120	Beckman Dxl Prog Cal 33555
	ng/ml	31.3	25.0	37.6	
	nmol/l	90.6	72.5	109	Roche Elecsys (Prog. II)
	ng/ml	28.4	22.7	34.1	
	nmol/l	92.9	74.3	111	Roche Modular E170 (Prog. II)
	ng/ml	29.1	23.3	34.9	
	nmol/l	96.8	77.4	116	Beckman Access Prog Cal 33555
	ng/ml	30.3	24.2	36.4	
	nmol/l	106	84.8	127	Tosoh Series
	ng/ml	33.2	26.5	39.9	
	nmol/l	108	86.4	130	Vitros ECI
	ng/ml	33.8	27.0	40.6	
	nmol/l	92.3	73.8	111	Roche Cobas 4000/e411 (Prog. II)
	ng/ml	28.9	23.1	34.7	
	nmol/l	94.2	75.4	113	Roche Cobas 6000/8000 (Prog. II)
	ng/ml	29.5	23.6	35.4	
	nmol/l	76.7	57.5	95.9	Diasorin Liaison
	ng/ml	24.0	18.0	30.0	
	nmol/l	90.7	72.6	109	Beckman Dxl Prog DE Cal A80773
	ng/ml	28.4	22.7	34.1	
	nmol/l	98.5	78.8	118	Beckman Access Prog DE Cal A80773
	ng/ml	30.8	24.7	36.9	
	nmol/l	76.4	54.2	98.6	Siemens Centaur CP
	ng/ml	23.9	17.0	30.8	
	nmol/l	95.9	76.7	115	Fujirebio Lumipulse G Series
	ng/ml	30.0	24.0	36.0	
	nmol/l	93.9	75.1	113	Roche Cobas 6000/8000 (Prog. III)
	ng/ml	29.4	23.5	35.3	
	nmol/l	91.5	73.2	110	Roche Elecsys (Prog. III)
	ng/ml	28.6	22.9	34.3	
	nmol/l	93.2	74.6	112	Roche Cobas 4000/e411 (Prog. III)
	ng/ml	29.2	23.3	35.1	
	nmol/l	94.2	75.4	113	Roche Modular E170 (Prog. III)
	ng/ml	29.5	23.6	35.4	
催乳素	μU/ml	1733	1386	2080	Abbott Architect
	μU/ml	1978	1582	2374	BioMerieux Vidas
	μU/ml	1425	1069	1781	Siemens Centaur XP/XPT/Classic
	μU/ml	1604	1283	1925	Siemens Immulite 2000/2500
	μU/ml	1733	1386	2080	Siemens Immulite 1000
	μU/ml	1453	1162	1744	Beckman Dxl800
	μU/ml	2006	1605	2407	Roche Elecsys
	μU/ml	1799	1439	2159	Diasorin Liaison
	μU/ml	1932	1546	2318	Roche Modular E170
	μU/ml	1472	1178	1766	Beckman Access

免疫质控品-水平3

货号: IA3111		批号: 1766EC		效期: 2020-10	
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
催乳素	μU/ml	1702	1317	2087	Tosoh Series
	μU/ml	1472	1178	1766	Vitros ECi
	μU/ml	1940	1552	2328	Roche Elecsys/E170/Cobas 6000/8000 PRLII
	μU/ml	1815	1452	2178	Immunotech IRMA
	μU/ml	2031	1625	2437	Roche Cobas E411
	μU/ml	1950	1560	2340	Roche Cobas 6000/8000
	μU/ml	1934	1547	2321	Fujirebio Lumipulse G Series
	μU/ml	1723	1378	2068	Abbott Architect restandardised
	μU/ml	1418	1064	1772	Siemens Centaur CP
FPSA（游离）	ng/ml = μg/l	18.0	13.5	22.5	Abbott Architect
	ng/ml = μg/l	20.8	15.6	26.0	BioMerieux Vidas
	ng/ml = μg/l	18.6	14.0	23.2	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	16.8	12.6	21.0	Siemens Dimension
	ng/ml = μg/l	15.1	11.3	18.9	Siemens Immulite 2000/2500
	ng/ml = μg/l	14.6	11.0	18.3	Siemens Immulite 1000
	ng/ml = μg/l	21.8	16.4	27.3	Beckman DXI standardised to Hybritech
	ng/ml = μg/l	18.2	13.7	22.8	Roche Elecsys
	ng/ml = μg/l	7.95	5.96	9.94	Diasorin Liaison
	ng/ml = μg/l	18.1	13.6	22.6	Roche Modular E170
	ng/ml = μg/l	22.0	16.5	27.5	Beckman Access standardised to Hybritech
	ng/ml = μg/l	16.4	12.3	20.5	Tosoh Series
	ng/ml = μg/l	18.4	13.8	23.0	Roche Cobas E411
	ng/ml = μg/l	17.9	13.4	22.4	Roche Cobas 6000/8000
	ng/ml = μg/l	18.9	13.4	24.4	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = μg/l	16.9	12.7	21.1	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = μg/l	15.2	11.4	19.0	Fujirebio Lumipulse G Series
TPSA（总）	ng/ml = μg/l	19.0	14.3	23.8	Abbott Architect
	ng/ml = μg/l	21.4	16.1	26.8	BioMerieux Vidas
	ng/ml = μg/l	21.7	16.3	27.1	bioMerieux VIDAS TPSA
	ng/ml = μg/l	19.3	14.5	24.1	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	20.4	15.3	25.5	Siemens Immulite 2000/2500 1st generation
	ng/ml = μg/l	18.4	13.8	23.0	Siemens Immulite 1000 3rd generation
	ng/ml = μg/l	20.2	15.2	25.3	Siemens Immulite 2000/2500 3rd generation
	ng/ml = μg/l	17.5	13.1	21.9	Siemens Immulite 1000 1st generation
	ng/ml = μg/l	20.5	15.4	25.6	Beckman Dxl standardisd to Hybritech
	ng/ml = μg/l	16.6	12.5	20.8	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = μg/l	23.1	17.3	28.9	Roche Elecsys
	ng/ml = μg/l	9.85	7.39	12.3	Diasorin Liaison
	ng/ml = μg/l	22.0	16.5	27.5	Roche Modular E170
	ng/ml = μg/l	20.8	15.6	26.0	Beckman Access standardised to Hybritech
	ng/ml = μg/l	21.1	15.8	26.4	Beckman Access standardised to WHO IRP96/670
	ng/ml = μg/l	15.4	11.6	19.3	Tosoh Series
	ng/ml = μg/l	22.3	16.7	27.9	Vitros ECi
	ng/ml = μg/l	18.9	14.2	23.6	CIS RIA Coated tube
	ng/ml = μg/l	23.3	17.5	29.1	Roche Cobas E411
	ng/ml = μg/l	22.7	17.0	28.4	Roche Cobas 6000/8000

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
TPSA (总)	ng/ml = µg/l	17.5	13.1	21.9	Fujirebio Lumipulse G Series
	ng/ml = µg/l	22.1	16.6	27.6	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = µg/l	19.2	14.4	24.0	Siemens Centaur CP
水杨酸	mmol/l	2.88	2.30	3.46	Gravimetric
	mg/dl	39.8	31.8	47.8	
性激素结合球蛋白	nmol/l	48.6	36.5	60.7	Siemens Centaur XP/XPT/Classic
	nmol/l	33.6	26.9	40.3	Siemens Immulite 1000
	nmol/l	35.9	28.7	43.1	Siemens Immulite 2000/2500
	nmol/l	38.2	30.6	45.8	Roche Elecsys
	nmol/l	39.8	31.8	47.8	Roche Modular E170
	nmol/l	35.6	28.5	42.7	Abbott Architect
	nmol/l	39.9	31.9	47.9	Roche Cobas E411
	nmol/l	39.6	31.7	47.5	Roche Cobas 6000/8000
	nmol/l	36.4	29.1	43.7	Beckman Dxl800
甲状腺素结合力	%U	45.1	37.0	53.2	Siemens Immulite 2000
睾酮	nmol/l	30.9	24.7	37.1	Abbott Architect
	ng/ml	8.90	7.11	10.7	
	ng/dl	890	711	1069	
	nmol/l	25.7	20.6	30.8	BioMerieux Vidas
	ng/ml	7.40	5.93	8.87	
	ng/dl	740	593	887	
	nmol/l	25.7	18.8	32.6	Siemens Centaur XP/XPT/Classic
	ng/ml	7.40	5.40	9.40	
	ng/dl	740	540	940	
	nmol/l	39.4	31.5	47.3	Siemens Immulite 2000/2500
	ng/ml	11.3	9.07	13.5	
	ng/dl	1135	907	1363	
	nmol/l	46.8	35.1	58.5	Siemens Immulite 1000
	ng/ml	13.5	10.1	16.9	
	ng/dl	1348	1011	1685	
	nmol/l	26.2	21.0	31.4	Beckman Dxl800
	ng/ml	7.55	6.05	9.05	
	ng/dl	755	605	905	
	nmol/l	28.4	22.7	34.1	Beckman Access
	ng/ml	8.18	6.54	9.82	
	ng/dl	818	654	982	
	nmol/l	47.8	38.2	57.4	Tosoh Series
	ng/ml	13.8	11.0	16.6	
	ng/dl	1377	1100	1654	
	nmol/l	45.0	36.0	54.0	Vitros ECi
	ng/ml	13.0	10.4	15.6	
	ng/dl	1296	1037	1555	
	nmol/l	31.4	25.1	37.7	Roche Cobas 6000 Test 2
	ng/ml	9.04	7.23	10.9	
	ng/dl	904	723	1085	
	nmol/l	30.4	24.3	36.5	Roche Elecsys Test II
	ng/ml	8.76	7.00	10.5	
	ng/dl	876	700	1052	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
睾酮	nmol/l	31.5	25.2	37.8	Roche Modular E170 Test II
	ng/ml	9.07	7.26	10.9	
	ng/dl	907	726	1088	
	nmol/l	30.9	24.7	37.1	Roche Cobas 4000/e411 Test II
	ng/ml	8.90	7.11	10.7	
	ng/dl	890	711	1069	
	nmol/l	31.5	25.2	37.8	Abbott Architect 2nd Generation
	ng/ml	9.07	7.26	10.9	
	ng/dl	907	726	1088	
	nmol/l	26.4	19.3	33.5	Siemens Centaur CP
	ng/ml	7.60	5.55	9.65	
	ng/dl	760	555	965	
	nmol/l	25.8	20.6	31.0	BioMerieux Vidas Testosterone II
	ng/ml	7.43	5.93	8.93	
	ng/dl	743	593	893	
茶碱	μmol/l	149	119	179	Siemens Centaur XP/XPT/Classic
	μg/ml	26.8	21.4	32.2	
	μmol/l	159	127	191	Siemens Dimension
	μg/ml	28.7	22.9	34.5	
	μmol/l	161	129	193	Roche Integra
	μg/ml	29.0	23.2	34.8	
	μmol/l	147	118	176	Abbott Architect
	μg/ml	26.5	21.3	31.7	
	μmol/l	155	124	186	Roche Cobas 6000/8000
	μg/ml	27.9	22.3	33.5	
	μmol/l	149	119	179	Beckman DxC
	μg/ml	26.8	21.4	32.2	
	μmol/l	142	114	170	Beckman AU400/600/640/2700/5400
	μg/ml	25.6	20.5	30.7	
	μmol/l	166	133	199	Gravimetric
	μg/ml	29.9	24.0	35.9	
甲状腺球蛋白	ng/ml	29.1	21.8	36.4	Siemens Immulite 2000
	ng/ml	52.6	39.5	65.8	Roche Elecsys
	ng/ml	52.3	39.2	65.4	Roche Modular E170
	ng/ml	47.9	35.9	59.9	Beckman Dxl800
	ng/ml	55.6	41.7	69.5	Roche Cobas E411
	ng/ml	54.0	40.5	67.5	Roche Cobas 6000/8000
	ng/ml	49.2	36.9	61.5	Beckman Access
	ng/ml	56.2	42.2	70.3	Tosoh Series
	ng/ml	54.9	41.2	68.6	Roche Cobas 6000 TGII
	ng/ml	55.5	41.6	69.4	Roche Elecsys TGII
	ng/ml	55.0	41.3	68.8	Roche Cobas 4000/E411 TGII
	ng/ml	55.4	41.6	69.3	Roche Modular E170 TGII
促甲状腺素	μU/ml = mIU/l	16.7	13.4	20.0	Abbott Architect

免疫质控品-水平3

货号: IA3111		批号: 1766EC		效期: 2020-10	
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
促甲状腺素	μU/ml = mIU/l	21.4	17.1	25.7	bioMerieux VIDAS TSH
	μU/ml = mIU/l	16.4	13.1	19.7	bioMerieux VIDAS TSH3 Ultrasensitive
	μU/ml = mIU/l	20.8	14.1	27.5	Siemens Centaur XP/XPT/Classic
	μU/ml = mIU/l	19.7	15.8	23.6	CIS IRMA
	μU/ml = mIU/l	21.1	14.3	27.9	Siemens Centaur XP/XPT/Classic 3rd Generation
	μU/ml = mIU/l	19.3	15.4	23.2	Siemens Immulite 2000/2500
	μU/ml = mIU/l	19.7	15.8	23.6	Siemens Immulite 1000
	μU/ml = mIU/l	17.4	13.9	20.9	Beckman Dxl800 Fast TSH
	μU/ml = mIU/l	18.2	14.6	21.8	Beckman Dxl800
	μU/ml = mIU/l	19.7	15.8	23.6	Roche Elecsys
	μU/ml = mIU/l	23.5	18.8	28.2	Diasorin Liaison
	μU/ml = mIU/l	19.5	15.6	23.4	Roche Modular E170
	μU/ml = mIU/l	17.5	14.0	21.0	Beckman Access Fast TSH
	μU/ml = mIU/l	18.1	14.5	21.7	Beckman Access hyperTSH 3rd Generation
	μU/ml = mIU/l	21.1	16.9	25.3	Tosoh Series
	μU/ml = mIU/l	26.9	21.5	32.3	Vitros Eci
	μU/ml = mIU/l	19.8	15.8	23.8	Roche Cobas E411
	μU/ml = mIU/l	19.5	15.6	23.4	Roche Cobas 6000/8000
	μU/ml = mIU/l	21.2	17.0	25.4	ELISA
	μU/ml = mIU/l	18.3	14.6	22.0	Beckman Dxl800 Hyper TSH
	μU/ml = mIU/l	19.0	15.2	22.8	Siemens Dimension Vista LOCI
	μU/ml = mIU/l	20.7	14.1	27.3	Siemens Centaur XP/XPT/Classic TSH3-Ultra
	μU/ml = mIU/l	20.2	13.7	26.7	Siemens Centaur CP
	μU/ml = mIU/l	20.4	13.9	26.9	Siemens Centaur CP TSH3-Ultra
	μU/ml = mIU/l	17.7	14.2	21.2	Beckman Dxl 600/800 Access (3rd IS)
妥布霉素	μmol/l	10.3	8.24	12.4	Gravimetric
	μg/ml	4.82	3.86	5.80	
总 β-hCG	mU/ml=IU/l	351	281	421	Abbott Architect
	IU/ml	0.351	0.281	0.421	
	mU/ml=IU/l	515	412	618	BioMerieux Vidas
	IU/ml	0.515	0.412	0.618	
	mU/ml=IU/l	349	209	489	Siemens Centaur XP/XPT/Classic
	IU/ml	0.349	0.209	0.489	
	mU/ml=IU/l	486	389	583	Siemens Dimension
	IU/ml	0.486	0.389	0.583	
	mU/ml=IU/l	573	458	688	Siemens Immulite 2000
	IU/ml	0.573	0.458	0.688	
	mU/ml=IU/l	619	486	752	Siemens Immulite 1000
	IU/ml	0.619	0.486	0.750	
	mU/ml=IU/l	369	295	443	Beckman Dxl800
	IU/ml	0.369	0.295	0.443	
	mU/ml=IU/l	322	248	396	Diasorin Liaison
	IU/ml	0.322	0.248	0.400	
	mU/ml=IU/l	401	321	481	Roche Cobas Core EIA
	IU/ml	0.401	0.321	0.481	
mU/ml=IU/l	367	294	440	Beckman Access	
IU/ml	0.367	0.294	0.440		

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
总 β -hCG	mU/ml=IU/l	513	410	616	Tosoh Series
	IU/ml	0.513	0.410	0.616	
	mU/ml=IU/l	514	411	617	Vitros ECI
	IU/ml	0.514	0.411	0.617	
	mU/ml=IU/l	385	308	462	Roche STAT (Intact)
	IU/ml	0.385	0.308	0.462	
	mU/ml=IU/l	398	318	478	Roche hCG+Beta
	IU/ml	0.398	0.318	0.478	
	mU/ml=IU/l	287	230	344	Fujirebio Lumipulse G Series
	IU/ml	0.287	0.230	0.344	
	mU/ml=IU/l	391	313	469	Radiometer AQT90 Flex
	IU/ml	0.391	0.313	0.469	
	mU/ml=IU/l	363	290	436	Beckman Access Total BhCG (5th IS)
	IU/ml	0.363	0.290	0.436	
	mU/ml=IU/l	374	299	449	Beckman Dxl Total BhCG (5th IS)
	IU/ml	0.374	0.299	0.449	
总 T3	mU/ml=IU/l	350	210	490	Siemens Centaur CP
	IU/ml	0.350	0.210	0.490	
	nmol/l	5.55	4.16	6.94	Abbott Architect
	ng/ml	3.61	2.71	4.51	
	ng/dl	361	271	451	
	nmol/l	6.34	4.76	7.93	BioMerieux Vidas
	ng/ml	4.13	3.10	5.16	
	ng/dl	413	310	516	
	nmol/l	7.77	5.83	9.71	Siemens Centaur XP/XPT/Classic
	ng/ml	5.06	3.80	6.32	
	ng/dl	506	380	632	
	nmol/l	6.52	4.89	8.15	Siemens Immulite 2000/2500
	ng/ml	4.24	3.18	5.30	
	ng/dl	424	318	530	
	nmol/l	6.83	5.12	8.54	Siemens Immulite 1000
	ng/ml	4.45	3.33	5.57	
	ng/dl	445	333	557	
	nmol/l	5.89	4.42	7.36	Beckman Dxl800
	ng/ml	3.83	2.88	4.78	
	ng/dl	383	288	478	
	nmol/l	7.02	5.27	8.78	Roche Elecsys
	ng/ml	4.57	3.43	5.71	
	ng/dl	457	343	571	
	nmol/l	5.97	4.48	7.46	Diasorin Liaison
	ng/ml	3.89	2.92	4.86	
	ng/dl	389	292	486	
	nmol/l	6.87	5.15	8.59	Roche Modular E170
	ng/ml	4.47	3.35	5.59	
	ng/dl	447	335	559	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
总 T3	nmol/l	5.97	4.48	7.46	Beckman Access
	ng/ml	3.89	2.92	4.86	
	ng/dl	389	292	486	
	nmol/l	6.52	4.89	8.15	Tosoh Series
	ng/ml	4.24	3.18	5.30	
	ng/dl	424	318	530	
	nmol/l	7.99	5.99	9.99	Vitros ECI
	ng/ml	5.20	3.90	6.50	
	ng/dl	520	390	650	
	nmol/l	5.05	3.79	6.31	CIS RIA Coated tube
	ng/ml	3.29	2.47	4.11	
	ng/dl	329	247	411	
	nmol/l	7.03	5.27	8.79	Roche Cobas E411
	ng/ml	4.58	3.43	5.73	
	ng/dl	458	343	573	
	nmol/l	6.78	5.09	8.48	Roche Cobas 6000/8000
	ng/ml	4.41	3.31	5.51	
	ng/dl	441	331	551	
	nmol/l	6.26	4.70	7.83	ELISA
	ng/ml	4.08	3.06	5.10	
	ng/dl	408	306	510	
	nmol/l	8.33	6.25	10.4	Siemens Centaur CP
	ng/ml	5.42	4.07	6.77	
	ng/dl	542	407	677	
总 T4	nmol/l	211	158	264	Abbott Architect
	µg/dl	16.5	12.3	20.7	
	ng/ml	165	123	207	
	nmol/l	252	189	315	BioMerieux Vidas
	µg/dl	19.7	14.7	24.7	
	ng/ml	197	147	247	
	nmol/l	240	168	312	Siemens Centaur XP/XPT/Classic
	µg/dl	18.7	13.1	24.3	
	ng/ml	187	131	243	
	nmol/l	215	161	269	Siemens Immulite 2000/2500
	µg/dl	16.8	12.6	21.0	
	ng/ml	168	126	210	
	nmol/l	223	167	279	Siemens Immulite 1000
	µg/dl	17.4	13.0	21.8	
	ng/ml	174	130	218	
	nmol/l	232	174	290	Beckman Dxl800
	µg/dl	18.1	13.6	22.6	
	ng/ml	181	136	226	
	nmol/l	197	148	246	Roche Elecsys
	µg/dl	15.4	11.5	19.3	
	ng/ml	154	115	193	
	nmol/l	202	152	253	Diasorin Liaison
	µg/dl	15.8	11.9	19.7	
	ng/ml	158	119	197	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
总 T4	nmol/l	194	146	243	Roche Modular E170
	µg/dl	15.1	11.4	18.8	
	ng/ml	151	114	188	
	nmol/l	238	179	298	Beckman Access
	µg/dl	18.6	14.0	23.2	
	ng/ml	186	140	232	
	nmol/l	211	158	264	Tosoh Series
	µg/dl	16.5	12.3	20.7	
	ng/ml	165	123	207	
	nmol/l	248	186	310	Vitros ECI
	µg/dl	19.3	14.5	24.1	
	ng/ml	193	145	241	
	nmol/l	269	202	336	CIS RIA Coated tube
	µg/dl	21.0	15.8	26.2	
	ng/ml	210	158	262	
	nmol/l	205	154	256	Roche Cobas E411
	µg/dl	16.0	12.0	20.0	
	ng/ml	160	120	200	
	nmol/l	196	147	245	Roche Cobas 6000/8000
	µg/dl	15.3	11.5	19.1	
	ng/ml	153	115	191	
	nmol/l	178	134	223	Immunotech IRMA
	µg/dl	13.9	10.5	17.3	
	ng/ml	139	105	173	
	nmol/l	211	158	264	ELISA
	µg/dl	16.5	12.3	20.7	
	ng/ml	165	123	207	
	nmol/l	243	170	316	Siemens Centaur CP
	µg/dl	19.0	13.3	24.7	
	ng/ml	190	133	247	
丙戊酸	µmol/l	917	734	1100	Abbott Architect
	µg/ml	132	106	158	
	µmol/l	932	746	1118	Siemens Centaur XP/XPT/Classic
	µg/ml	134	107	161	
	µmol/l	905	724	1086	Siemens Dimension
	µg/ml	131	104	158	
	µmol/l	959	767	1151	Siemens Immulite 2000/2500
	µg/ml	138	111	165	
	µmol/l	985	788	1182	Siemens Immulite 1000
	µg/ml	142	114	170	
	µmol/l	913	730	1096	Roche Integra
	µg/ml	132	105	159	
	µmol/l	913	730	1096	Vitros
	µg/ml	132	105	159	

免疫质控品-水平3

货号: IA3111		批号: 1766EC			效期: 2020-10
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
丙戊酸	μmol/l	955	764	1146	Roche Cobas E411
	μg/ml	138	110	166	
	μmol/l	940	752	1128	Roche Cobas 6000/8000
	μg/ml	136	109	163	
	μmol/l	830	664	996	Beckman DxC
	μg/ml	120	95.8	144	
	μmol/l	1014	811	1217	Beckman AU400/600/640/2700/5400
	μg/ml	146	117	175	
	μmol/l	951	761	1141	Siemens ADVIA 1200/1650/1800/2400
	μg/ml	137	110	164	
	μmol/l	1116	893	1339	Gravimetric
	μg/ml	161	129	193	
万古霉素	μmol/l	12.4	9.92	14.9	Roche Integra
	μg/ml	18.4	14.7	22.1	
	μmol/l	11.7	9.36	14.0	Abbott Architect
	μg/ml	17.4	13.9	20.9	
	μmol/l	9.03	7.22	10.8	Siemens Centaur XP/XPT/Classic
	μg/ml	13.4	10.7	16.1	
	μmol/l	10.8	8.64	13.0	Siemens Dimension
	μg/ml	16.0	12.8	19.2	
	μmol/l	10.4	8.32	12.5	Roche Cobas 6000/8000
	μg/ml	15.5	12.4	18.6	
	μmol/l	10.6	8.48	12.7	Beckman DxC
	μg/ml	15.7	12.6	18.8	
维生素 B12	μmol/l	11.7	9.36	14.0	Thermo Scientific QMS Vancomycin
	μg/ml	17.4	13.9	20.9	
	μmol/l	10.8	8.64	13.0	Gravimetric
	μg/ml	16.0	12.8	19.3	
	pmol/l	666	533	799	Abbott Architect
	pg/ml	902	722	1082	
	pmol/l	755	566	944	Siemens Centaur XP/XPT/Classic
	pg/ml	1023	767	1279	
	pmol/l	630	504	756	Siemens Immulite 2000
	pg/ml	854	683	1025	
	pmol/l	633	506	760	Beckman Dxl800
	pg/ml	858	686	1030	
	pmol/l	698	558	838	Roche Elecsys
	pg/ml	946	756	1136	
	pmol/l	712	570	854	Roche Modular E170
	pg/ml	965	772	1158	
	pmol/l	650	520	780	Beckman Access
	pg/ml	881	705	1057	
	pmol/l	894	715	1073	Tosoh Series
	pg/ml	1211	969	1453	
	pmol/l	658	526	790	Vitros ECI
	pg/ml	892	713	1071	

免疫质控品-水平3

货号: IA3111		批号: 1766EC		效期: 2020-10	
规格: 12 x 5ml		范围			
分析物	单位	靶值	低值	高值	方法学
维生素 B12	pmol/l	702	562	842	Roche Cobas E411
	pg/ml	951	762	1140	
	pmol/l	709	567	851	Roche Cobas 6000/8000
	pg/ml	961	768	1154	
	pmol/l	663	530	796	Siemens Dimension
	pg/ml	898	718	1078	
	pmol/l	761	571	951	Siemens Centaur CP
	pg/ml	1031	773	1289	