

免疫质控品

货号：IA3111

包装：12 x 5 ml

批号：1719EC

效期：2020-04

产品描述

本品适用于临床化学体外诊断的免疫质控，用于监测免疫测定的正确度或重复度。朗道供应三种浓度水平（水平 1：IA3109；水平 2：IA3110；水平 3：IA3111）。

安全预防措施和警告

本产品仅用于体外诊断。禁止用口吸。按照实验室常规预防措施对试剂进行处理。

该质控品采用人基质血清，对所有捐献者的血清均进行了 HIV(HIV1、HIV2)抗体、肝炎 B 表面抗原(HbsAg)和肝炎 C 病毒(HCV)抗体的测试，发现均呈阴性。所采用的方法均经 FDA 认证。

然而，既然没有一种方法能够完全保证其没有传染物质，因此该质控品和所有的病人样品均应当按照能够传播疾病的样品小心处理。

保存和稳定性

开瓶后，2~8℃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。

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

规格: 12 x 5 ml		货号: IA3111	批号: 1719EC	效期: 2020-04	
分析物	单位	靶值	低值	高值	方法学
1-25 二羟基维生素D	pmol/l	285	203	367	Diasorin Liaison
17-羟基孕酮	nmol/l	26.1	18.3	33.9	Immunotech RIA
	ng/ml	8.64	6.06	11.2	
	nmol/l	30.5	22.9	38.1	DIAsource RIA
	ng/ml	10.1	7.58	12.6	
25-羟基维生素D	nmol/l	84.8	63.6	106	Diasorin Liaison
	nmol/l	108	81.0	135	Siemens Centaur XP/XPT/Classic
	nmol/l	62.4	46.8	78.0	Roche Vitamin D Total
	nmol/l	74.1	55.6	92.6	Abbott Architect
	nmol/l	97.2	72.9	122	Vitros ECI
	nmol/l	74.7	56.0	93.4	BioMerieux Vidas
	nmol/l	70.6	51.0	90.2	Beckman Dxl 600/800
促肾上腺皮质激素	pmol/l	25.4	19.1	31.8	Siemens Immulite 2000/2500
	pg/ml	115	86.8	143	
	pmol/l	17.3	13.0	21.6	Roche Cobas E411
	pg/ml	78.6	59.1	98.1	
	pmol/l	25.6	19.2	32.0	Roche Cobas 6000/8000
	pg/ml	116	87.3	145	
醛固酮	pmol/l	38.3	28.7	47.9	Diasorin Liaison
	pg/ml	174	130	218	
甲胎蛋白	pmol/l	642	517	767	Diasorin Liaison
	pg/ml	232	187	277	
	KIU/l = IU/ml	188	150	226	BioMerieux Vidas
	ng/ml	227	182	272	
	KIU/l = IU/ml	197	158	236	Roche Elecsys
	ng/ml	238	191	285	
	KIU/l = IU/ml	194	155	233	Vitros ECI
	ng/ml	235	188	282	
	KIU/l = IU/ml	204	161	247	Siemens Centaur XP/XPT/Classic
	ng/ml	247	195	299	
	KIU/l = IU/ml	180	144	216	Siemens Immulite 2000/2500
	ng/ml	218	174	262	
	KIU/l = IU/ml	173	138	208	Abbott Architect
	ng/ml	209	167	251	
	KIU/l = IU/ml	194	155	233	Roche Modular E170
	ng/ml	235	188	282	
	KIU/l = IU/ml	175	140	210	Beckman Dxl800
	ng/ml	212	169	255	
	KIU/l = IU/ml	195	156	234	Roche Cobas 6000/8000
	ng/ml	236	189	283	
	KIU/l = IU/ml	201	161	241	Roche Cobas E411
	ng/ml	243	195	291	

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分析物	单位	靶值	低值	高值	方法学
丁胺卡那霉素	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	32.2	24.2	40.3	Siemens Immulite 2000
	ng/ml	9.24	6.95	11.5	
β-2-微球蛋白	μg/ml = mg/l	6.68	5.34	8.02	BioMerieux Vidas
	μg/ml = mg/l	6.04	4.83	7.25	Siemens Immulite 2000/2500
	μg/ml = mg/l	7.05	5.64	8.46	Abbott Architect
	μg/ml = mg/l	6.86	5.49	8.23	Roche Cobas 6000/8000
C-肽	nmol/l	3.440	2.580	4.300	Siemens Immulite 2000/2500
	ng/ml	10.4	7.79	13.0	
	nmol/l	3.480	2.610	4.350	Roche Cobas 6000/8000
	ng/ml	10.5	7.88	13.1	
	nmol/l	3.420	2.570	4.280	Roche Cobas E411
	ng/ml	10.3	7.76	12.8	
	nmol/l	3.120	2.340	3.900	Abbott Architect
	ng/ml	9.42	7.06	11.8	
	nmol/l	2.270	1.700	2.840	Siemens Centaur XP/XPT/Classic
	ng/ml	6.85	5.13	8.57	
CA 15-3	U/ml	84.7	67.8	102	Roche Elecsys
	U/ml	70.9	56.7	85.1	BioMerieux Vidas
	U/ml	82.2	56.7	108	Siemens Centaur XP/XPT/Classic
	U/ml	92.1	73.7	111	Abbott Architect
	U/ml	112	89.6	134	Siemens Immulite 2000/2500
	U/ml	79.5	63.6	95.4	Vitros ECI
	U/ml	77.6	62.1	93.1	Roche Modular E170
	U/ml	42.8	34.2	51.4	Beckman Access
	U/ml	45.1	36.1	54.1	Beckman Dxl800
	U/ml	79.5	63.6	95.4	Roche Cobas 6000/8000
CA 19-9	U/ml	75.9	60.7	91.1	Roche Cobas E411
	U/ml	404	323	485	BioMerieux Vidas
	U/ml	131	105	157	Roche Elecsys
	U/ml	543	375	711	Siemens Centaur XP/XPT/Classic
	U/ml	211	169	253	Siemens Immulite 2000/2500
	U/ml	1733	1386	2080	Abbott Architect
	U/ml	351	281	421	Vitros ECI
	U/ml	122	97.6	146	Roche Modular E170
	U/ml	202	162	242	Beckman Dxl800
	U/ml	1796	1437	2155	Abbott Architect XR/XR2 kit
CA125	U/ml	126	101	151	Roche Cobas 6000/8000
	U/ml	134	107	161	Roche Cobas E411
	U/ml	558	385	731	Siemens Centaur CP
	U/ml	228	182	274	BioMerieux Vidas
	U/ml	228	181	275	Roche Elecsys
	U/ml	234	187	281	Siemens Immulite 2000/2500

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		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
CA125	U/ml	231	185	277	Vitros ECI
	U/ml	224	179	269	Roche Modular E170
	U/ml	295	236	354	Abbott Architect
	U/ml	238	164	312	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	202	162	242	Beckman Access
	U/ml	194	155	233	Beckman Dxl800
	U/ml	225	180	270	Roche Cobas E411
	U/ml	221	177	265	Roche Cobas 6000/8000
	U/ml	263	181	345	Siemens Centaur CP CA125 II kit
卡马西平	μmol/l	65.3	52.2	78.4	Vitros
	μg/ml	15.4	12.3	18.5	
	μmol/l	72.0	44.6	99.4	Siemens Centaur XP/XPT/Classic
	μg/ml	17.0	10.5	23.5	
	μmol/l	60.9	48.7	73.1	Siemens Immulite 2000/2500
	μg/ml	14.4	11.5	17.3	
	μmol/l	68.7	55.0	82.4	Abbott Architect
	μg/ml	16.2	13.0	19.4	
	μmol/l	65.8	52.6	79.0	Beckman DxC
	μg/ml	15.6	12.4	18.8	
	μmol/l	68.6	54.9	82.3	Roche Cobas 6000/8000
	μg/ml	16.2	13.0	19.4	
	μmol/l	72.2	57.8	86.6	Gravimetric
	μg/ml	17.1	13.7	20.5	
癌胚抗原	ng/ml = μg/l	56.2	45.0	67.4	BioMerieux Vidas
	ng/ml = μg/l	82.8	66.2	99.0	Siemens Immulite 1000
	ng/ml = μg/l	47.3	37.8	56.8	Roche Elecsys
	ng/ml = μg/l	60.4	48.3	72.5	Vitros ECI
	ng/ml = μg/l	59.9	41.3	78.5	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	82.4	65.9	98.9	Siemens Immulite 2000/2500
	ng/ml = μg/l	64.8	51.8	77.8	Abbott Architect
	ng/ml = μg/l	46.0	36.8	55.2	Diasorin Liaison
	ng/ml = μg/l	46.6	37.3	55.9	Roche Modular E170
	ng/ml = μg/l	49.2	39.4	59.0	Beckman Dxl800
	ng/ml = μg/l	47.4	37.9	56.9	Roche Cobas 6000/8000
	ng/ml = μg/l	48.1	38.5	57.7	Roche Cobas E411
	皮质醇	nmol/l	908	681	1135
μg/dl		32.7	24.5	40.9	
nmol/l		965	724	1206	Roche Elecsys
μg/dl		34.7	26.1	43.3	
nmol/l		937	703	1171	Beckman Access
μg/dl		33.7	25.3	42.1	
nmol/l		1074	741	1407	Siemens Centaur XP/XPT/Classic
μg/dl		38.7	27.0	50.0	
nmol/l		829	622	1036	Siemens Immulite 2000/2500
μg/dl		29.8	22.4	37.2	
	nmol/l	843	632	1054	Vitros ECI
	μg/dl	30.3	22.8	37.8	

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分析物	单位	靶值	低值	高值	方法学
皮质醇	nmol/l	789	592	986	Abbott Architect
	µg/dl	28.4	21.3	35.5	
	nmol/l	845	634	1056	Beckman Dxl800
	µg/dl	30.4	22.8	38.0	
	nmol/l	951	713	1189	Roche Cobas 6000/8000
	µg/dl	34.2	25.7	42.7	
	nmol/l	947	710	1184	Roche Cobas E411
	µg/dl	34.1	25.6	42.6	
	nmol/l	925	694	1156	Roche Cobas 4000/e411 Gen II
	µg/dl	33.3	25.0	41.6	
去氢表雄酮硫酸盐 (DHEA-S)	nmol/l	868	651	1085	Roche Cobas 6000/8000 Gen II
	µg/dl	31.2	23.4	39.0	
	µmol/l	16.5	13.2	19.8	Siemens Immulite 1000
	µmol/l	16.3	13.0	19.6	Siemens Immulite 2000/2500
	µmol/l	21.3	17.0	25.6	Abbott Architect
	µmol/l	15.1	12.1	18.1	Beckman Dxl800
	µmol/l	17.0	10.2	23.8	Siemens Centaur XP/XPT/Classic
地高辛	µmol/l	24.1	19.3	28.9	Roche Cobas E411
	µmol/l	24.5	19.6	29.4	Roche Cobas 6000/8000
	nmol/l	4.75	3.80	5.70	Vitros
	ng/ml	3.71	2.97	4.45	
	nmol/l	5.34	4.17	6.51	Siemens Centaur XP/XPT/Classic
	ng/ml	4.17	3.25	5.09	
	nmol/l	4.06	3.25	4.87	Abbott Architect
	ng/ml	3.17	2.54	3.80	
	nmol/l	4.79	3.83	5.75	Beckman Dxl800
	ng/ml	3.74	2.99	4.49	
乙琥胺	nmol/l	4.90	3.92	5.88	Roche Cobas 6000/8000
	ng/ml	3.83	3.06	4.60	
铁蛋白	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	
铁蛋白	ng/ml = µg/l	298	238	358	BioMerieux Vidas
	ng/ml = µg/l	273	218	328	Siemens Immulite 1000
	ng/ml = µg/l	352	282	422	Roche Elecsys
	ng/ml = µg/l	249	199	299	Beckman Access
	ng/ml = µg/l	228	182	274	Vitros ECI
	ng/ml = µg/l	339	264	414	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	303	242	364	Siemens Immulite 2000/2500
	ng/ml = µg/l	422	338	506	Abbott Architect
	ng/ml = µg/l	340	272	408	Roche Modular E170
	ng/ml = µg/l	320	256	384	Siemens Dimension
	ng/ml = µg/l	245	196	294	Beckman Dxl800
	ng/ml = µg/l	349	279	419	Roche Cobas E411

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分析物	单位	靶值	低值	高值	方法学
铁蛋白	ng/ml = µg/l	315	252	378	Siemens Centaur CP
叶酸	nmol/l	24.5	18.6	30.4	Beckman Access
	ng/ml	10.8	8.20	13.4	
	nmol/l	16.9	12.8	21.0	Siemens Immulite 2000
	ng/ml	7.45	5.64	9.26	
	nmol/l	20.6	15.7	25.5	Abbott Architect
	ng/ml	9.08	6.92	11.2	
	nmol/l	41.1	24.7	57.5	Siemens Centaur XP/XPT/Classic (enhanced kit)
	ng/ml	18.1	10.9	25.3	
	nmol/l	24.8	18.8	30.8	Beckman Dxl800
	ng/ml	10.9	8.29	13.5	
	nmol/l	26.2	19.9	32.5	Roche Cobas 6000/8000
	ng/ml	11.6	8.78	14.4	
	nmol/l	25.9	19.7	32.1	Roche Cobas 6000/8000 Folate III
	ng/ml	11.4	8.69	14.1	
	nmol/l	23.9	18.2	29.6	Roche Cobas 4000/e411 Folate III
	ng/ml	10.5	8.03	13.0	
游离T3	pmol/l	24.7	18.5	30.9	BioMerieux Vidas
	ng/dl	1.61	1.20	2.02	
	pg/ml	16.1	12.0	20.2	
	pmol/l	29.4	22.1	36.8	Roche Elecsys
	ng/dl	1.91	1.44	2.38	
	pg/ml	19.1	14.4	23.8	
	pmol/l	19.6	14.7	24.5	Beckman Access
	ng/dl	1.27	0.956	1.58	
	pg/ml	12.8	9.57	16.0	
	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	22.9	13.7	32.1	Siemens Centaur XP/XPT/Classic
	ng/dl	1.49	0.890	2.09	
	pg/ml	14.9	8.90	20.9	
	pmol/l	17.1	12.8	21.4	Siemens Immulite 2000/2500
	ng/dl	1.11	0.832	1.39	
	pg/ml	11.1	8.33	13.9	
	pmol/l	22.7	17.0	28.4	Abbott Architect
	ng/dl	1.48	1.11	1.85	
	pg/ml	14.8	11.1	18.5	
	pmol/l	30.1	22.6	37.6	Roche Modular E170
	ng/dl	1.96	1.47	2.45	
	pg/ml	19.6	14.7	24.5	
	pmol/l	19.4	14.6	24.3	Beckman Dxl800
	ng/dl	1.26	0.949	1.57	
	pg/ml	12.6	9.50	15.7	
	pmol/l	29.9	22.4	37.4	Roche Cobas E411
	ng/dl	1.94	1.46	2.42	
	pg/ml	19.5	14.6	24.4	

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分析物	单位	靶值	低值	高值	方法学		
游离 T3	pmol/l	30.0	22.5	37.5	Roche Cobas 6000/8000		
	ng/dl	1.95	1.46	2.44			
	pg/ml	19.5	14.6	24.4			
游离 T4	pmol/l	77.3	58.0	96.6	Siemens Immulite 1000		
	ng/dl	6.03	4.52	7.54			
	pg/ml	60.3	45.2	75.4			
	pmol/l	78.3	58.7	97.9	Roche Elecsys		
	ng/dl	6.11	4.58	7.64			
	pg/ml	61.1	45.8	76.4			
	pmol/l	51.9	38.9	64.9	Beckman Access		
	ng/dl	4.05	3.03	5.07			
	pg/ml	40.5	30.3	50.7			
	pmol/l	89.7	67.3	112	Vitros ECI		
	ng/dl	7.00	5.25	8.75			
	pg/ml	70.0	52.5	87.5			
	pmol/l	49.4	37.1	61.7	Siemens Centaur XP/XPT/Classic		
	ng/dl	3.85	2.89	4.81			
	pg/ml	38.5	28.9	48.1			
	pmol/l	76.7	57.5	95.9	Siemens Immulite 2000/2500		
	ng/dl	5.98	4.49	7.47			
	pg/ml	59.8	44.9	74.7			
	pmol/l	46.4	34.8	58.0	Abbott Architect		
	ng/dl	3.62	2.71	4.53			
	pg/ml	36.2	27.1	45.3			
	pmol/l	109	81.8	136	Diasorin Liaison		
	ng/dl	8.50	6.38	10.6			
	pg/ml	85.0	63.8	106			
	pmol/l	80.1	60.1	100	Roche Modular E170		
	ng/dl	6.25	4.69	7.81			
	pg/ml	62.5	46.9	78.1			
	pmol/l	57.7	43.3	72.1	Beckman Dxl800		
	ng/dl	4.50	3.38	5.62			
	pg/ml	45.0	33.8	56.2			
pmol/l	77.2	57.9	96.5	Roche Cobas 6000/8000			
ng/dl	6.02	4.52	7.52				
pg/ml	60.2	45.2	75.2				
pmol/l	75.6	56.7	94.5	Roche Cobas E411			
ng/dl	5.90	4.42	7.38				
pg/ml	59.0	44.2	73.8				
pmol/l	78.1	58.6	97.6	Biomerieux Vidas FT4N Kit			
ng/dl	6.09	4.57	7.61				
pg/ml	60.9	45.7	76.1				
pmol/l	56.8	42.6	71.0	Siemens Centaur CP			
ng/dl	4.43	3.32	5.54				
pg/ml	44.3	33.2	55.4				

免疫质控品-水平3

货号: IA3111 批号: 1719EC 效期: 2020-04					
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
卵泡刺激素 (FSH)	mU/ml	55.4	44.3	66.5	Siemens Immulite 1000
	mU/ml	68.9	55.1	82.7	BioMerieux Vidas
	mU/ml	61.0	48.8	73.2	Beckman Access
	mU/ml	57.5	46.0	69.0	Roche/BM Elecsys
	mU/ml	45.4	36.3	54.5	Vitros ECI
	mU/ml	72.5	56.6	88.4	Siemens Centaur XP/XPT/Classic
	mU/ml	61.2	49.0	73.4	Siemens Immulite 2000/2500
	mU/ml	50.3	40.2	60.4	Abbott Architect
	mU/ml	86.5	66.5	107	Diasorin Liaison
	mU/ml	56.5	45.2	67.8	Roche Modular E170
	mU/ml	60.2	48.2	72.2	Beckman Dxl800
	mU/ml	57.7	46.2	69.2	Roche Cobas E411
	mU/ml	55.8	44.6	67.0	Roche Cobas 6000/8000
	mU/ml	55.8	44.6	67.0	Roche Cobas 6000/8000
庆大霉素	μmol/l	8.10	6.48	9.72	Roche Cobas 6000/8000
	μg/ml	3.87	3.10	4.64	
	μmol/l	11.7	9.36	14.0	Gravimetric
	μg/ml	5.59	4.47	6.69	
生长激素 (GH)	μU/ml	47.4	37.9	56.9	Siemens Immulite 1000
	ng/ml	15.8	12.6	19.0	
	μU/ml	50.9	40.7	61.1	Siemens Immulite 2000/2500
	ng/ml	16.9	13.6	20.2	
	μU/ml	41.4	33.1	49.7	Beckman Dxl800
	ng/ml	13.8	11.0	16.6	
	μU/ml	42.7	34.2	51.2	Diasorin Liaison
	ng/ml	14.2	11.4	17.0	
	μU/ml	44.7	35.8	53.6	Roche Cobas E411
	ng/ml	14.9	11.9	17.9	
免疫球蛋白 E	μU/ml	44.8	35.8	53.8	Roche Cobas 6000/8000
	ng/ml	14.9	11.9	17.9	
	KIU/l = IU/ml	456	365	547	Siemens Immulite 1000
	KIU/l = IU/ml	369	295	443	BioMerieux Vidas
	KIU/l = IU/ml	416	333	499	Siemens Centaur XP/XPT/Classic
	KIU/l = IU/ml	472	378	566	Siemens Immulite 2000/2500
	KIU/l = IU/ml	456	365	547	Abbott Architect
胰岛素	KIU/l = IU/ml	472	378	566	Roche Cobas E411
	KIU/l = IU/ml	479	383	575	Roche Cobas 6000/8000
	mU/l	30.9	23.2	38.6	Siemens Centaur XP/XPT/Classic
	pmol/l	215	161	269	
	mU/l	30.6	23.0	38.3	Roche Modular E170
	pmol/l	213	160	266	
	mU/l	9.27	6.95	11.6	Siemens Immulite 2000
	pmol/l	64.4	48.3	80.5	
	mU/l	23.3	17.5	29.1	Abbott Architect
	pmol/l	162	122	202	
	mU/l	30.7	23.0	38.4	Roche Cobas E411
	pmol/l	213	160	266	

免疫质控品-水平3

规格: 12 x 5 ml		货号: IA3111	批号: 1719EC	效期: 2020-04	
分析物		单位	靶值	范围	方法学
胰岛素	mU/l	31.0	23.3	38.8	Roche Cobas 6000/8000
	pmol/l	215	162	268	
	mU/l	23.4	17.6	29.3	Beckman Dxl 600/800
	pmol/l	163	122	204	
	mU/l	25.1	17.4	32.8	Ortho Vitros ECI
	pmol/l	174	121	227	
促黄体生成素(LH)	mU/ml	29.6	23.7	35.5	Beckman Access
	mU/ml	43.5	34.8	52.2	BioMerieux Vidas
	mU/ml	68.2	54.6	81.8	Siemens Immulite 1000
	mU/ml	47.0	37.6	56.4	Roche Elecsys
	mU/ml	54.6	43.7	65.5	Vitros ECI
	mU/ml	44.4	34.2	54.6	Siemens Centaur XP/XPT/Classic
	mU/ml	68.6	54.9	82.3	Siemens Immulite 2000
	mU/ml	36.9	29.5	44.3	Abbott Architect
	mU/ml	59.9	47.9	71.9	Diasorin Liaison
	mU/ml	47.1	37.7	56.5	Roche Modular E170
	mU/ml	30.2	24.2	36.2	Beckman Dxl800
	mU/ml	47.5	38.0	57.0	Roche Cobas E411
	mU/ml	47.6	38.1	57.1	Roche Cobas 6000/8000
雌二醇	pmol/l	2443	1954	2932	BioMerieux Vidas
	pg/ml	664	531	797	
	pmol/l	1239	991	1487	Roche Elecsys (Estradiol II)
	pg/ml	337	270	404	
	pmol/l	1918	1534	2302	Vitros ECI
	pg/ml	522	417	627	
	pmol/l	1947	1558	2336	Beckman Access
	pg/ml	530	424	636	
	pmol/l	2163	1341	2985	Siemens Centaur XP/XPT/Classic
	pg/ml	568	365	811	
	pmol/l	1863	1490	2236	Siemens Immulite 2000/2500
	pg/ml	507	405	609	
	pmol/l	1080	864	1296	Abbott Architect
	pg/ml	294	235	353	
	pmol/l	1818	1454	2182	Beckman Dxl800
	pg/ml	494	395	593	
	pmol/l	1254	1003	1505	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	341	273	409	
	pmol/l	1245	996	1494	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	339	271	407	
	pmol/l	2029	1258	2800	Siemens Centaur XP/XPT/Classic Enhanced (eE2)
	pg/ml	552	342	762	
	pmol/l	1244	995	1493	Roche Cobas 6000/8000 (Estradiol III)
	pg/ml	338	271	405	
	pmol/l	1284	1027	1541	Roche Elecsys (Estradiol III)
	pg/ml	349	279	419	
	pmol/l	1230	984	1476	Roche Cobas 4000/E411 (Estradiol III)
	pg/ml	335	268	402	

免疫质控品-水平3

规格: 12 x 5 ml		货号: IA3111	批号: 1719EC	效期: 2020-04	
		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
雌二醇	pmol/l	1245	996	1494	Roche Modular E170 (Estradiol III)
	pg/ml	339	271	407	
扑热息痛	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	123	98.4	148	Abbott Architect
	μg/ml	28.5	22.8	34.2	
	μmol/l	126	101	151	Beckman AU400/600/640/2700/5400
	μg/ml	29.2	23.4	35.0	
	μmol/l	121	96.8	145	Gravimetric
	μg/ml	28.1	22.5	33.6	
苯妥英	μmol/l	90.9	72.7	109	Vitros
	μg/ml	23.0	18.4	27.6	
	μmol/l	91.4	73.1	110	Abbott Architect
	μg/ml	23.1	18.5	27.7	
	μmol/l	90.7	72.6	109	Roche Cobas 6000/8000
	μg/ml	22.9	18.3	27.5	
	μmol/l	99.8	79.8	120	Gravimetric
	μg/ml	25.2	20.1	30.3	
扑米酮	μmol/l	32.7	26.2	39.2	Gravimetric
	μg/ml	7.14	5.72	8.56	
孕酮	nmol/l	78.6	62.9	94.3	Siemens Immulite 1000
	ng/ml	24.6	19.7	29.5	
	nmol/l	138	110	166	BioMerieux Vidas
	ng/ml	43.2	34.4	52.0	
	nmol/l	98.0	71.9	124	Roche Elecsys (Prog. II)
	ng/ml	30.7	22.5	38.9	
	nmol/l	98.5	78.8	118	Vitros ECI
	ng/ml	30.8	24.7	36.9	
	nmol/l	72.1	51.2	93.0	Siemens Centaur XP/XPT/Classic
	ng/ml	22.6	16.0	29.2	
	nmol/l	72.7	58.2	87.2	Siemens Immulite 2000/2500
	ng/ml	22.8	18.2	27.4	
	nmol/l	88.4	70.7	106	Abbott Architect
	ng/ml	27.7	22.1	33.3	
	nmol/l	102	81.6	122	Beckman Dxl Prog Cal 33555
	ng/ml	31.9	25.5	38.3	
	nmol/l	98.0	78.4	118	Roche Cobas 4000/e411 (Prog. II)
	ng/ml	30.7	24.5	36.9	
	nmol/l	97.2	77.8	117	Roche Cobas 6000/8000 (Prog. II)
	ng/ml	30.4	24.4	36.4	
nmol/l	82.6	66.1	99.0	Beckman Dxl Prog DE Cal A80773	
ng/ml	25.9	20.7	31.1		
nmol/l	94.1	75.3	113	Roche Cobas 6000/8000 (Prog. III)	
ng/ml	29.5	23.6	35.4		

免疫质控品-水平3

规格: 12 x 5 ml		货号: IA3111	批号: 1719EC	效期: 2020-04	
分析物		单位	靶值	低值	高值
					方法学
Progesterone	nmol/l	94.2	75.4	113	Roche Cobas 4000/e411 (Prog. III)
	ng/ml	29.5	23.6	35.4	
催乳素	μU/ml	1265	1012	1518	Beckman Access
	μU/ml	1699	1359	2039	BioMerieux Vidas
	μU/ml	1470	1176	1764	Siemens Immulite 1000
	μU/ml	1701	1361	2041	Roche Elecsys
	μU/ml	1310	1048	1572	Vitros ECI
	μU/ml	1266	950	1582	Siemens Centaur XP/XPT/Classic
	μU/ml	1423	1138	1708	Siemens Immulite 2000/2500
	μU/ml	1535	1228	1842	Abbott Architect
	μU/ml	1736	1389	2083	Diasorin Liaison
	μU/ml	1622	1298	1946	Roche Modular E170
	μU/ml	1286	1029	1543	Beckman Dxl800
	μU/ml	1614	1291	1937	Roche Elecsys/E170/Cobas 6000/8000 PRLII
	μU/ml	1695	1356	2034	Roche Cobas E411
	μU/ml	1625	1300	1950	Roche Cobas 6000/8000
	μU/ml	1495	1196	1794	Abbott Architect restandardised
游离前列腺特异抗原	ng/ml = μg/l	15.1	11.3	18.9	Siemens Immulite 2000/2500
	ng/ml = μg/l	22.0	16.5	27.5	Abbott Architect
	ng/ml = μg/l	24.8	18.6	31.0	Beckman Access standardised to Hybritech
	ng/ml = μg/l	20.3	15.2	25.4	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	19.1	14.3	23.9	Roche Modular E170
	ng/ml = μg/l	24.9	18.7	31.1	Beckman DXI standardised to Hybritech
	ng/ml = μg/l	18.9	14.2	23.6	Roche Cobas E411
	ng/ml = μg/l	19.0	14.3	23.8	Roche Cobas 6000/8000
总前列腺特异抗原	ng/ml = μg/l	19.5	14.6	24.4	Siemens Immulite 1000 1st generation
	ng/ml = μg/l	27.8	20.9	34.8	Roche Elecsys
	ng/ml = μg/l	24.8	18.6	31.0	Beckman Access standardised to Hybritech
	ng/ml = μg/l	21.7	16.3	27.1	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	27.0	20.3	33.8	bioMerieux VIDAS TPSA
	ng/ml = μg/l	22.6	17.0	28.3	Siemens Immulite 2000/2500 1st generation
	ng/ml = μg/l	22.1	16.6	27.6	Abbott Architect
	ng/ml = μg/l	25.3	19.0	31.6	Vitros ECI
	ng/ml = μg/l	24.8	18.6	31.0	Roche Modular E170
	ng/ml = μg/l	23.9	17.9	29.9	Beckman Dxl standardised to Hybritech
	ng/ml = μg/l	17.3	13.0	21.6	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = μg/l	27.7	20.8	34.6	Roche Cobas E411
	ng/ml = μg/l	26.4	19.8	33.0	Roche Cobas 6000/8000
	ng/ml = μg/l	25.3	19.0	31.6	Ortho Vitros 3600/5600/ECi PSA II
	ng/ml = μg/l	20.7	15.5	25.9	Siemens Centaur CP
水杨酸	mmol/l	2.82	2.26	3.38	Abbott Architect
	mg/dl	38.9	31.2	46.6	
	mmol/l	2.88	2.30	3.46	Gravimetric
	mg/dl	39.7	31.7	47.7	
性激素结合球蛋白	nmol/l	35.3	28.2	42.4	Siemens Immulite 2000/2500

免疫质控品-水平3

规格: 12 x 5 ml		货号: IA3111	批号: 1719EC	效期: 2020-04	
		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
性激素结合球蛋白	nmol/l	35.9	28.7	43.1	Roche Modular E170
	nmol/l	36.0	28.8	43.2	Abbott Architect
	nmol/l	38.0	30.4	45.6	Roche Cobas E411
	nmol/l	37.2	29.8	44.6	Roche Cobas 6000/8000
	nmol/l	34.6	27.7	41.5	Beckman Dxl800
甲状腺素结合力	%U	43.1	35.3	50.9	Siemens Immulite 2000
睾酮	nmol/l	39.6	31.7	47.5	Vitros ECi
	ng/ml	11.4	9.13	13.7	
	ng/dl	1140	913	1367	
	nmol/l	24.2	17.7	30.7	Siemens Centaur XP/XPT/Classic
	ng/ml	6.97	5.09	8.85	
	ng/dl	697	509	885	
	nmol/l	33.5	25.9	41.1	Siemens Immulite 2000/2500
	ng/ml	9.65	7.46	11.8	
	ng/dl	965	746	1184	
	nmol/l	29.2	23.4	35.0	Abbott Architect
	ng/ml	8.41	6.74	10.1	
	ng/dl	841	674	1008	
	nmol/l	26.1	20.9	31.3	Beckman Access
	ng/ml	7.52	6.02	9.02	
	ng/dl	752	602	902	
	nmol/l	23.6	18.9	28.3	Beckman Dxl800
	ng/ml	6.80	5.44	8.16	
	ng/dl	680	544	816	
	nmol/l	27.2	21.8	32.6	Roche Elecsys Test II
	ng/ml	7.83	6.28	9.38	
	ng/dl	783	628	938	
	nmol/l	28.7	23.0	34.4	Roche Modular E170 Test II
	ng/ml	8.27	6.62	9.92	
	ng/dl	827	662	992	
	nmol/l	28.2	22.6	33.8	Roche Cobas 4000/e411 Test II
	ng/ml	8.12	6.51	9.73	
	ng/dl	812	651	973	
	nmol/l	28.7	23.0	34.4	Roche Cobas 6000 Test 2
	ng/ml	8.27	6.62	9.92	
	ng/dl	827	662	992	
	nmol/l	28.3	22.6	34.0	Abbott Architect 2nd Generation
	ng/ml	8.15	6.51	9.79	
	ng/dl	815	651	979	
	nmol/l	22.0	17.6	26.4	BioMerieux Vidas Testosterone II
	ng/ml	6.34	5.07	7.61	
	ng/dl	634	507	761	
茶碱	μmol/l	153	122	184	Siemens Centaur XP/XPT/Classic
	μg/ml	27.6	22.0	33.2	
	μmol/l	152	117	187	Abbott Architect
	μg/ml	27.4	21.1	33.7	

免疫质控品-水平3

货号: IA3111 批号: 1719EC 效期: 2020-04					
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
茶碱	μmol/l	166	133	199	Gravimetric
	μg/ml	29.9	24.0	35.9	
甲状腺球蛋白	ng/ml	35.1	26.3	43.9	Siemens Immulite 2000
	ng/ml	59.9	44.9	74.9	Roche Cobas E411
	ng/ml	52.8	39.6	66.0	Roche Cobas 6000/8000
	ng/ml	53.3	40.0	66.6	Roche Cobas 6000 TGII
	ng/ml	55.8	41.9	69.8	Roche Cobas 4000/E411 TGII
促甲状腺激素	μU/ml = mIU/l	20.9	16.7	25.1	bioMerieux VIDAS TSH
	μU/ml = mIU/l	19.8	15.8	23.8	Siemens Immulite 1000
	μU/ml = mIU/l	19.7	15.8	23.6	Roche Elecsys
	μU/ml = mIU/l	18.7	15.0	22.4	Beckman Access hyperTSH 3rd Generation
	μU/ml = mIU/l	21.5	17.2	25.8	Tosoh AIA360
	μU/ml = mIU/l	28.1	22.5	33.7	Vitros ECI
	μU/ml = mIU/l	21.1	14.3	27.9	Siemens Centaur XP/XPT/Classic
	μU/ml = mIU/l	19.9	15.9	23.9	Siemens Immulite 2000/2500
	μU/ml = mIU/l	17.2	13.8	20.6	Abbott Architect
	μU/ml = mIU/l	22.4	16.7	28.1	Diasorin Liaison
	μU/ml = mIU/l	19.0	15.2	22.8	Roche Modular E170
	μU/ml = mIU/l	19.6	14.3	24.9	bioMerieux VIDAS TSH3 Ultrasensitive
	μU/ml = mIU/l	18.2	14.6	21.8	Beckman Access Fast TSH
	μU/ml = mIU/l	19.8	15.8	23.8	Roche Cobas E411
	μU/ml = mIU/l	19.2	15.4	23.0	Roche Cobas 6000/8000
	μU/ml = mIU/l	19.4	15.5	23.3	Beckman Dxl800 Hyper TSH
	μU/ml = mIU/l	21.4	14.6	28.2	Siemens Centaur XP/XPT/Classic TSH3-Ultra
	μU/ml = mIU/l	21.3	17.0	25.6	Siemens Centaur CP
	μU/ml = mIU/l	17.6	14.1	21.1	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	514	411	617	BioMerieux Vidas
	IU/ml	0.514	0.411	0.617	
	mU/ml=IU/l	600	480	720	Siemens Immulite 1000
	IU/ml	0.600	0.480	0.720	
	mU/ml=IU/l	379	303	455	Roche Cobas Core EIA
	IU/ml	0.379	0.303	0.455	
	mU/ml=IU/l	322	258	386	Beckman Access
	IU/ml	0.322	0.258	0.386	
	mU/ml=IU/l	536	429	643	Vitros ECI
	IU/ml	0.536	0.429	0.643	
	mU/ml=IU/l	313	188	438	Siemens Centaur XP/XPT/Classic
	IU/ml	0.310	0.188	0.438	
	mU/ml=IU/l	606	485	727	Siemens Immulite 2000
	IU/ml	0.606	0.485	0.727	
	mU/ml=IU/l	319	255	383	Abbott Architect
	IU/ml	0.319	0.255	0.383	
	mU/ml=IU/l	328	234	422	Diasorin Liaison
	IU/ml	0.328	0.234	0.420	

免疫质控品-水平3

规格: 12 x 5 ml		货号: IA3111	批号: 1719EC	效期: 2020-04	
分析物	单位	靶值	低值	高值	方法学
总 β -hCG	mU/ml=IU/l	531	425	637	Siemens Dimension
	IU/ml	0.531	0.425	0.637	
	mU/ml=IU/l	325	260	390	Beckman Dxl800
	IU/ml	0.325	0.260	0.390	
	mU/ml=IU/l	376	301	451	Roche STAT (Intact)
	IU/ml	0.376	0.301	0.451	
	mU/ml=IU/l	376	301	451	Roche hCG+Beta
	IU/ml	0.376	0.301	0.451	
	mU/ml=IU/l	334	267	401	Beckman Access Total BhCG (5th IS)
	IU/ml	0.334	0.267	0.401	
	mU/ml=IU/l	335	268	402	Beckman Dxl Total BhCG (5th IS)
	IU/ml	0.335	0.268	0.402	
总 T3	nmol/l	6.44	4.83	8.05	BioMerieux Vidas
	ng/ml	4.19	3.14	5.24	
	ng/dl	419	314	524	
	nmol/l	6.94	5.21	8.68	Siemens Immulite 1000
	ng/ml	4.52	3.39	5.65	
	ng/dl	452	339	565	
	nmol/l	5.76	4.32	7.20	Beckman Access
	ng/ml	3.75	2.81	4.69	
	ng/dl	375	281	469	
	nmol/l	6.50	4.88	8.13	Tosoh AIA360
	ng/ml	4.23	3.18	5.28	
	ng/dl	423	318	528	
	nmol/l	7.71	5.78	9.64	Siemens Centaur XP/XPT/Classic
	ng/ml	5.02	3.77	6.27	
	ng/dl	502	377	627	
	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	5.24	3.93	6.55	Abbott Architect
	ng/ml	3.41	2.56	4.26	
	ng/dl	341	256	426	
	nmol/l	8.38	6.29	10.5	Vitros ECI
	ng/ml	5.46	4.09	6.83	
	ng/dl	546	409	683	
总 T4	nmol/l	6.89	5.17	8.61	Roche Cobas E411
	ng/ml	4.49	3.37	5.61	
	ng/dl	449	337	561	
	nmol/l	6.66	5.00	8.33	Roche Cobas 6000/8000
	ng/ml	4.34	3.26	5.42	
	ng/dl	434	326	542	
	nmol/l	203	152	254	Vitros ECI
	μ g/dl	15.8	11.9	19.7	
	ng/ml	158	119	197	
	nmol/l	218	164	273	BioMerieux Vidas
	μ g/dl	17.0	12.8	21.2	
	ng/ml	170	128	212	

免疫质控品-水平3

货号: IA3111 批号: 1719EC 效期: 2020-04					
规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
总 T4	nmol/l	188	141	235	Siemens Immulite 1000
	µg/dl	14.7	11.0	18.4	
	ng/ml	147	110	184	
	nmol/l	207	155	259	Beckman Access
	µg/dl	16.1	12.1	20.1	
	ng/ml	161	121	201	
	nmol/l	210	147	273	Siemens Centaur XP/XPT/Classic
	µg/dl	16.4	11.5	21.3	
	ng/ml	164	115	213	
	nmol/l	194	146	243	Siemens Immulite 2000/2500
	µg/dl	15.1	11.4	18.8	
	ng/ml	151	114	188	
	nmol/l	181	136	226	Abbott Architect
	µg/dl	14.1	10.6	17.6	
	ng/ml	141	106	176	
	nmol/l	183	137	229	Roche Cobas E411
	µg/dl	14.3	10.7	17.9	
	ng/ml	143	107	179	
	nmol/l	178	134	223	Roche Cobas 6000/8000
	µg/dl	13.9	10.5	17.3	
	ng/ml	139	105	173	
丙戊酸	µmol/l	938	750	1126	Siemens Immulite 2000/2500
	µg/ml	135	108	162	
	µmol/l	921	737	1105	Siemens Centaur XP/XPT/Classic
	µg/ml	133	106	160	
	µmol/l	912	730	1094	Abbott Architect
	µg/ml	132	105	159	
	µmol/l	933	746	1120	Roche Cobas 6000/8000
	µg/ml	135	108	162	
万古霉素	µmol/l	1116	893	1339	Gravimetric
	µg/ml	161	129	193	
	µmol/l	11.5	9.20	13.8	Abbott Architect
	µg/ml	17.1	13.7	20.5	
	µmol/l	10.5	8.40	12.6	Roche Cobas 6000/8000
	µg/ml	15.6	12.5	18.7	
	µmol/l	10.8	8.64	13.0	Gravimetric
	µg/ml	16.0	12.8	19.3	
维生素 B12	pmol/l	704	563	845	Roche Elecsys
	pg/ml	954	763	1145	
	pmol/l	613	490	736	Beckman Access
	pg/ml	831	664	998	
	pmol/l	723	542	904	Siemens Centaur XP/XPT/Classic
	pg/ml	980	735	1225	
	pmol/l	651	521	781	Siemens Immulite 2000
	pg/ml	882	706	1058	

免疫质控品-水平3

规格: 12 x 5 ml		货号: IA3111	批号: 1719EC	效期: 2020-04	
		范围	低值=靶值-2SD	高值=靶值+2SD	
分析物	单位	靶值	低值	高值	方法学
维生素 B12	pmol/l	703	562	844	Abbott Architect
	pg/ml	953	762	1144	
	pmol/l	670	536	804	Vitros Eci
	pg/ml	908	726	1090	
	pmol/l	745	596	894	Roche Modular E170
	pg/ml	1009	808	1210	
	pmol/l	612	490	734	Beckman Dxl800
	pg/ml	829	664	994	
	pmol/l	735	588	882	Roche Cobas E411
	pg/ml	996	797	1195	
	pmol/l	750	600	900	Roche Cobas 6000/8000
	pg/ml	1016	813	1219	