

免疫质控品

货号: IA3109

包装: 12 x 5 ml

批号: 1714EC

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°C 保存。复溶后的血清如果保存在原始容器, 并且无污染, 可在 2~8°C 保存 7 天, 并可在 -20°C 保存 4 周, 只能冻融一次。C 肽在 2~8°C 可稳定 1 天。甲状旁腺素(PTH)和甲状腺球蛋白(TG)复溶后如果 2~8°C 保存, 要在 4 小时内检测; 若 -20°C 保存, 则须在 2 周内检测。促肾上腺皮质激素(ACTH)如果 2~8°C 保存, 要在 4 小时内检测。不提供促肾上腺皮质激素(ACTH)、醛固酮和 C-肽的冷冻稳定性说明。每次使用只吸取所需用量, 剩余的样品不可返回原瓶。

未开瓶, 2~8 °C 可保存至效期末。

复溶后的血清在受到细菌污染后, 会导致许多组分稳定性的下降, 应该将该瓶样品抛弃, 重新复溶一瓶新的血清。

使用说明

该免疫质控品为冻干粉。

1. 小心打开瓶盖, 往瓶中准确加入 5 ml 蒸馏水, 在 15~25 °C 的条件下复溶, 盖上瓶盖, 放置 30 分钟。轻轻翻转瓶子, 确保内容物完全溶解; 不要振荡, 避免气泡的产生。
2. 参照各个分析仪的质控说明。
3. 冷藏未使用的材料, 再次使用前, 确保样品充分混合均匀。

需要自备的材料

移液管 蒸馏水

赋值

每一批质控血清都要送到参考实验室, 这些实验室通过独特的统计分析方法得到一个结果进行赋值。质控范围值是平均值 ± 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1

货号: IA3109		批号: 1714EC		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
17-羟基孕酮	nmol/l	2.95	2.21	3.69	DRG ELISA
	ng/ml	0.976	0.732	1.22	
	nmol/l	4.24	3.18	5.30	DIAsource RIA
	ng/ml	1.40	1.05	1.75	
25-OH-维生素 D	nmol/l	49.9	37.4	62.4	Diasorin Liaison
	nmol/l	28.2	21.2	35.3	Siemens Centaur XP/XPT/Classic
	nmol/l	20.4	15.3	25.5	Roche Vitamin D Total
	nmol/l	22.8	17.1	28.5	Abbott Architect
	nmol/l	79.0	59.3	98.8	Vitros Eci
	nmol/l	33.2	24.9	41.5	BioMerieux Vidas
	nmol/l	52.4	39.3	65.5	Beckman Dxl 600/800
ACTH	pmol/l	2.46	1.85	3.08	Siemens Immulite 2000/2500
	pg/ml	11.2	8.41	14.0	
	pmol/l	3.86	2.90	4.83	Roche Cobas E411
	pg/ml	17.5	13.2	21.8	
	pmol/l	4.77	3.50	6.04	Roche Cobas 6000/8000
	pg/ml	21.7	15.9	27.5	
	pmol/l	3.01	2.26	3.76	Siemens Immulite 1000
Alphafoetoprotein	KIU/l = IU/ml	9.88	7.90	11.9	BioMerieux Vidas
	ng/ml	12.0	9.56	14.4	
	KIU/l = IU/ml	10.1	8.08	12.1	Roche Elecsys
	ng/ml	12.2	9.78	14.6	
	KIU/l = IU/ml	10.2	8.16	12.2	Vitros Eci
	ng/ml	12.3	9.87	14.7	
	KIU/l = IU/ml	10.6	8.37	12.8	Siemens Centaur XP/XPT/Classic
	ng/ml	12.8	10.1	15.5	
	KIU/l = IU/ml	9.37	7.50	11.2	Siemens Immulite 2000/2500
	ng/ml	11.3	9.08	13.5	
	KIU/l = IU/ml	9.08	7.26	10.9	Abbott Architect
	ng/ml	11.0	8.78	13.2	
	KIU/l = IU/ml	10.5	8.93	12.1	Roche Modular E170
	ng/ml	12.7	10.8	14.6	
	KIU/l = IU/ml	9.48	7.58	11.4	Beckman Dxl800
ng/ml	11.5	9.17	13.8		
KIU/l = IU/ml	10.4	8.32	12.5	Roche Cobas 6000/8000	
ng/ml	12.6	10.1	15.1		
KIU/l = IU/ml	10.3	8.24	12.4	Roche Cobas E411	
ng/ml	12.5	9.97	15.0		
Amikacin	μmol/l	6.40	5.12	7.68	Gravimetric
	μg/ml	3.75	3.00	4.50	
Androstenedione	nmol/l	4.00	3.00	5.00	Siemens Immulite 2000
	ng/ml	1.15	0.860	1.44	

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规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
Beta-2-microglobulin	µg/ml = mg/l	1.09	0.872	1.31	BioMerieux Vidas
	µg/ml = mg/l	1.20	0.842	1.56	Siemens Immulite 2000/2500
	µg/ml = mg/l	1.10	0.880	1.32	Abbott Architect
	µg/ml = mg/l	1.19	0.952	1.43	Roche Cobas 6000/8000
C-Peptide	nmol/l	0.624	0.468	0.780	Siemens Immulite 2000/2500
	ng/ml	1.88	1.41	2.35	
	nmol/l	0.817	0.613	1.020	Roche Cobas 6000/8000
	ng/ml	2.47	1.85	3.09	
	nmol/l	0.860	0.645	1.080	Diasorin Liaison
	ng/ml	2.60	1.95	3.25	
	nmol/l	0.835	0.626	1.040	Roche Cobas E411
	ng/ml	2.52	1.89	3.15	
	nmol/l	0.710	0.533	0.888	Abbott Architect
	ng/ml	2.14	1.61	2.67	
CA 15-3	U/ml	19.1	12.6	25.6	Siemens Centaur XP/XPT/Classic
	U/ml	21.5	17.2	25.8	Abbott Architect
	U/ml	24.0	19.2	28.8	Siemens Immulite 2000/2500
	U/ml	25.5	20.4	30.6	Siemens Immulite 1000
	U/ml	17.7	14.2	21.2	Vitros ECi
	U/ml	19.0	15.2	22.8	Roche Modular E170
	U/ml	10.9	8.72	13.1	Beckman Dxl800
	U/ml	19.8	15.8	23.8	Roche Cobas 6000/8000
	U/ml	19.9	15.9	23.9	Roche Cobas E411
	CA 19-9	U/ml	40.9	32.7	49.1
U/ml		66.3	43.8	88.8	Siemens Centaur XP/XPT/Classic
U/ml		22.1	17.7	26.5	Siemens Immulite 2000/2500
U/ml		204	163	245	Abbott Architect
U/ml		44.9	35.9	53.9	Vitros ECi
U/ml		18.2	14.6	21.8	Roche Modular E170
U/ml		25.3	20.1	30.5	Beckman Dxl800
U/ml		214	171	257	Abbott Architect XR/XR2 kit
U/ml		18.0	14.4	21.6	Roche Cobas 6000/8000
U/ml		19.0	15.2	22.8	Roche Cobas E411
CA125	U/ml	20.8	16.6	25.0	BioMerieux Vidas
	U/ml	20.7	16.6	24.8	Siemens Immulite 2000/2500
	U/ml	19.5	15.6	23.4	Vitros ECi
	U/ml	20.6	16.5	24.7	Roche Modular E170
	U/ml	30.3	24.2	36.4	Abbott Architect
	U/ml	23.3	15.4	31.2	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	17.1	13.7	20.5	Beckman Dxl800
	U/ml	21.2	17.0	25.4	Roche Cobas E411
	U/ml	20.6	16.5	24.7	Roche Cobas 6000/8000
Carbamazepine	µmol/l	12.7	10.2	15.2	Vitros
	µg/ml	3.00	2.41	3.59	

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规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD	
分析物	单位	靶值	低值	高值	方法学	
Carbamazepine	μmol/l	16.5	11.9	21.1	Siemens Centaur XP/XPT/Classic	
	μg/ml	3.90	2.81	4.99		
	μmol/l	12.3	9.84	14.8	Siemens Immulite 1000	
	μg/ml	2.91	2.33	3.49		
	μmol/l	11.6	9.28	13.9	Siemens Immulite 2000/2500	
	μg/ml	2.74	2.19	3.29		
	μmol/l	15.4	12.3	18.5	Abbott Architect	
	μg/ml	3.64	2.91	4.37		
	μmol/l	15.4	12.3	18.5	Roche Cobas E411	
	μg/ml	3.64	2.91	4.37		
Carcinoembryonic Antigen (CEA)	ng/ml = μg/l	3.80	3.04	4.56	BioMerieux Vidas	
	ng/ml = μg/l	5.28	4.22	6.34	Siemens Immulite 1000	
	ng/ml = μg/l	4.27	3.42	5.12	Vitros ECi	
	ng/ml = μg/l	4.23	3.38	5.08	Beckman Access	
	ng/ml = μg/l	4.26	2.81	5.71	Siemens Centaur XP/XPT/Classic	
	ng/ml = μg/l	5.19	4.15	6.23	Siemens Immulite 2000/2500	
	ng/ml = μg/l	4.38	3.50	5.26	Abbott Architect	
	ng/ml = μg/l	3.88	3.10	4.66	Roche Modular E170	
	ng/ml = μg/l	4.08	3.26	4.90	Beckman Dxl800	
	ng/ml = μg/l	3.94	3.15	4.73	Roche Cobas 6000/8000	
Cortisol	nmol/l	142	107	178	BioMerieux Vidas	
	μg/dl	5.11	3.85	6.37		
	nmol/l	208	156	260	Siemens Immulite 1000	
	μg/dl	7.49	5.62	9.36		
	nmol/l	224	148	300	Siemens Centaur XP/XPT/Classic	
	μg/dl	8.06	5.32	10.8		
	nmol/l	214	161	268	Siemens Immulite 2000/2500	
	μg/dl	7.70	5.80	9.60		
	nmol/l	164	123	205	Vitros ECi	
	μg/dl	5.90	4.43	7.37		
	nmol/l	215	161	269	Abbott Architect	
	μg/dl	7.74	5.80	9.68		
	nmol/l	212	159	265	Beckman Dxl800	
	μg/dl	7.63	5.72	9.54		
	nmol/l	191	143	239	Roche Cobas 6000/8000	
	μg/dl	6.88	5.15	8.61		
	nmol/l	199	149	249	Roche Cobas E411	
	μg/dl	7.16	5.36	8.96		
	nmol/l	202	152	253	Roche Cobas 4000/e411 Gen II	
	μg/dl	7.27	5.47	9.07		

免疫质控品-水平1

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规格: 12 x 5 ml		范围		低值=靶值-2SD	高值=靶值+2SD
分析物	单位	靶值	低值	高值	方法学
Cortisol	nmol/l	184	138	230	Roche Cobas 6000/8000 Gen II
	µg/dl	6.62	4.97	8.27	
DHEA-S	µmol/l	2.39	1.91	2.87	Siemens Immulite 1000
	µmol/l	2.34	1.87	2.81	Siemens Immulite 2000/2500
	µmol/l	3.60	2.88	4.32	Roche Modular E170
	µmol/l	3.05	2.44	3.66	Abbott Architect
	µmol/l	2.97	2.38	3.56	Beckman Dxl800
	µmol/l	2.31	1.85	2.77	Siemens Centaur XP/XPT/Classic
	µmol/l	3.69	2.95	4.43	Roche Cobas E411
	µmol/l	3.60	2.88	4.32	Roche Cobas 6000/8000
Digoxin	nmol/l	0.930	0.697	1.16	Siemens Centaur XP/XPT/Classic
	ng/ml	0.730	0.545	0.907	
	nmol/l	0.540	0.432	0.648	Abbott Architect
	ng/ml	0.422	0.337	0.507	
	nmol/l	0.750	0.600	0.900	Beckman Dxl800
	ng/ml	0.586	0.469	0.703	
	nmol/l	0.810	0.648	0.972	Roche Cobas 6000/8000
	ng/ml	0.633	0.506	0.760	
	nmol/l	0.900	0.720	1.08	Gravimetric
	ng/ml	0.703	0.562	0.844	
Ethosuximide	µmol/l	226	181	271	Gravimetric
	µg/ml	32.0	25.7	38.4	
Ferritin	ng/ml = µg/l	10.9	8.18	13.6	BioMerieux Vidas
	ng/ml = µg/l	9.93	7.94	11.9	Siemens Immulite 1000
	ng/ml = µg/l	12.4	9.92	14.9	Roche Elecsys
	ng/ml = µg/l	9.43	7.54	11.3	Vitros ECi
	ng/ml = µg/l	10.8	8.10	13.5	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	10.6	8.48	12.7	Siemens Immulite 2000/2500
	ng/ml = µg/l	11.0	8.80	13.2	Abbott Architect
	ng/ml = µg/l	11.8	9.44	14.2	Roche Modular E170
	ng/ml = µg/l	11.7	9.36	14.0	Siemens Dimension
	ng/ml = µg/l	8.28	6.20	10.4	Beckman Dxl800
Folate	nmol/l	2.86	2.17	3.55	Siemens Immulite 2000
	ng/ml	1.26	0.957	1.56	
	nmol/l	3.98	3.02	4.94	Vitros ECi
	ng/ml	1.76	1.33	2.19	
	nmol/l	8.82	4.85	12.8	Siemens Centaur XP/XPT/Classic (enhanced kit)
	ng/ml	3.89	2.14	5.64	
	nmol/l	3.55	2.53	4.57	Beckman Dxl800
	ng/ml	1.57	1.12	2.02	
	nmol/l	3.06	2.30	3.82	Roche Cobas 6000/8000 Folate III
	ng/ml	1.35	1.01	1.69	
Free T3	pmol/l	4.44	3.33	5.55	BioMerieux Vidas
	ng/dl	0.289	0.216	0.360	
	pg/ml	2.89	2.17	3.61	

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Free T3	pmol/l	4.91	3.68	6.14	Roche Elecsys
	ng/dl	0.319	0.239	0.399	
	pg/ml	3.20	2.40	4.00	
	pmol/l	4.65	3.49	5.81	Beckman Access
	ng/dl	0.302	0.227	0.377	
	pg/ml	3.03	2.27	3.79	
	pmol/l	10.7	8.03	13.4	Vitros Eci
	ng/dl	0.696	0.522	0.870	
	pg/ml	6.97	5.23	8.71	
	pmol/l	4.66	2.80	6.52	Siemens Centaur XP/XPT/Classic
	ng/dl	0.300	0.182	0.424	
	pg/ml	3.03	1.82	4.24	
	pmol/l	4.07	3.05	5.09	Siemens Immulite 2000/2500
	ng/dl	0.265	0.198	0.332	
	pg/ml	2.65	1.99	3.31	
	pmol/l	3.40	2.55	4.25	Abbott Architect
	ng/dl	0.221	0.166	0.276	
	pg/ml	2.21	1.66	2.76	
	pmol/l	5.24	3.93	6.55	Roche Modular E170
	ng/dl	0.341	0.255	0.427	
	pg/ml	3.41	2.56	4.26	
pmol/l	4.70	3.53	5.88	Beckman Dxl800	
ng/dl	0.306	0.229	0.383		
pg/ml	3.06	2.30	3.82		
pmol/l	5.25	3.94	6.56	Roche Cobas E411	
ng/dl	0.341	0.256	0.426		
pg/ml	3.42	2.56	4.28		
pmol/l	5.02	3.77	6.28	Roche Cobas 6000/8000	
ng/dl	0.326	0.245	0.407		
pg/ml	3.27	2.45	4.09		
Free T4	pmol/l	15.6	11.7	19.5	Siemens Immulite 1000
	ng/dl	1.22	0.913	1.53	
	pg/ml	12.2	9.13	15.3	
	pmol/l	15.4	11.6	19.3	Roche Elecsys
	ng/dl	1.20	0.905	1.50	
	pg/ml	12.0	9.05	15.0	
	pmol/l	12.3	9.23	15.4	Beckman Access
	ng/dl	0.959	0.720	1.20	
	pg/ml	9.59	7.20	12.0	
	pmol/l	27.0	20.3	33.8	Vitros Eci
	ng/dl	2.11	1.58	2.64	
	pg/ml	21.1	15.8	26.4	
	pmol/l	10.2	7.70	12.7	Siemens Centaur XP/XPT/Classic
	ng/dl	0.800	0.597	0.995	
	pg/ml	7.96	5.97	9.95	
	pmol/l	15.9	11.9	19.9	Siemens Immulite 2000/2500
	ng/dl	1.24	0.928	1.55	
	pg/ml	12.4	9.28	15.5	

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Free T4	pmol/l	10.4	7.80	13.0	Abbott Architect	
	ng/dl	0.811	0.608	1.01		
	pg/ml	8.11	6.08	10.1		
	pmol/l	14.9	11.2	18.6	Diasorin Liaison	
	ng/dl	1.16	0.874	1.45		
	pg/ml	11.6	8.74	14.5		
	pmol/l	15.9	11.9	19.9	Roche Modular E170	
	ng/dl	1.24	0.928	1.55		
	pg/ml	12.4	9.28	15.5		
	pmol/l	12.1	9.08	15.1	Beckman Dxl800	
	ng/dl	0.944	0.708	1.18		
	pg/ml	9.44	7.08	11.8		
	pmol/l	15.5	11.6	19.4	Roche Cobas 6000/8000	
	ng/dl	1.21	0.905	1.52		
	pg/ml	12.1	9.05	15.2		
	pmol/l	15.7	11.8	19.6	Roche Cobas E411	
	ng/dl	1.22	0.920	1.52		
	pg/ml	12.2	9.20	15.2		
	pmol/l	15.0	11.3	18.8	Biomerieux Vidas FT4N Kit	
	ng/dl	1.17	0.881	1.46		
	pg/ml	11.7	8.81	14.6		
pmol/l	11.4	8.60	14.2	Siemens Centaur CP		
ng/dl	0.890	0.667	1.11			
pg/ml	8.89	6.67	11.1			
FSH	mU/ml	6.70	5.36	8.04	Siemens Immulite 1000	
	mU/ml	6.46	5.17	7.75	BioMerieux Vidas	
	mU/ml	6.23	4.98	7.48	Beckman Access	
	mU/ml	6.70	5.36	8.04	Roche/BM Elecsys	
	mU/ml	4.71	3.77	5.65	Vitros ECi	
	mU/ml	8.37	5.86	10.9	Siemens Centaur XP/XPT/Classic	
	mU/ml	6.63	5.30	7.96	Siemens Immulite 2000/2500	
	mU/ml	5.05	4.04	6.06	Abbott Architect	
	mU/ml	5.95	4.76	7.14	Roche Modular E170	
	mU/ml	6.30	5.04	7.56	Beckman Dxl800	
	mU/ml	6.24	4.99	7.49	Roche Cobas E411	
	mU/ml	6.10	4.88	7.32	Roche Cobas 6000/8000	
	Gentamicin	µmol/l	3.65	2.58	4.72	Roche Cobas 6000/8000
µg/ml		1.74	1.23	2.25		
µmol/l		4.85	3.88	5.82	Gravimetric	
µg/ml		2.32	1.85	2.78		
Growth Hormone (GH)	µU/ml	5.88	4.70	7.06	Siemens Immulite 1000	
	ng/ml	1.96	1.57	2.35		
	µU/ml	6.57	5.26	7.88	Siemens Immulite 2000/2500	
	ng/ml	2.19	1.75	2.63		

免疫质控品-水平1

货号: IA3109		批号: 1714EC		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
Growth Hormone (GH)	μU/ml	4.86	3.89	5.83	Beckman Dxl800
	ng/ml	1.62	1.30	1.94	
	μU/ml	4.38	3.50	5.26	Diasorin Liaison
	ng/ml	1.46	1.17	1.75	
	μU/ml	5.56	4.45	6.67	Roche Cobas E411
	ng/ml	1.85	1.48	2.22	
	μU/ml	5.75	4.60	6.90	Roche Cobas 6000/8000
	ng/ml	1.91	1.53	2.29	
Immunoglobulin E	KIU/I = IU/ml	234	187	281	Siemens Immulite 1000
	KIU/I = IU/ml	202	162	242	BioMerieux Vidas
	KIU/I = IU/ml	219	131	307	Siemens Centaur XP/XPT/Classic
	KIU/I = IU/ml	246	197	295	Siemens Immulite 2000/2500
	KIU/I = IU/ml	241	193	289	Roche Modular E170
	KIU/I = IU/ml	215	172	258	Beckman Dxl800
	KIU/I = IU/ml	236	189	283	Abbott Architect
	KIU/I = IU/ml	240	192	288	Roche Cobas E411
	KIU/I = IU/ml	241	193	289	Roche Cobas 6000/8000
Insulin	mU/l	1.72	1.29	2.15	Siemens Centaur XP/XPT/Classic
	pmol/l	11.9	8.90	14.9	
	mU/l	1.42	1.07	1.78	Roche Modular E170
	pmol/l	9.86	7.43	12.3	
	mU/l	1.00	0.750	1.25	Abbott Architect
	pmol/l	6.95	5.21	8.69	
	mU/l	1.33	0.998	1.66	Roche Cobas E411
	pmol/l	9.24	6.93	11.6	
	mU/l	1.38	1.04	1.73	Roche Cobas 6000/8000
	pmol/l	9.58	7.22	11.9	
Luteinising Hormone (LH)	mU/ml	2.50	2.00	3.00	BioMerieux Vidas
	mU/ml	5.93	4.74	7.12	Siemens Immulite 1000
	mU/ml	3.74	2.99	4.49	Roche Elecsys
	mU/ml	6.72	4.71	8.73	Vitros ECi
	mU/ml	2.74	2.06	3.42	Siemens Centaur XP/XPT/Classic
	mU/ml	5.57	4.46	6.68	Siemens Immulite 2000
	mU/ml	2.05	1.64	2.46	Abbott Architect
	mU/ml	3.50	2.80	4.20	Roche Modular E170
	mU/ml	1.58	1.26	1.90	Beckman Dxl800
	mU/ml	3.52	2.82	4.22	Roche Cobas E411
	mU/ml	3.47	2.78	4.16	Roche Cobas 6000/8000
Oestradiol	pmol/l	253	202	304	BioMerieux Vidas
	pg/ml	68.8	54.9	82.7	
	pmol/l	171	137	205	Roche Elecsys (Estradiol II)
	pg/ml	46.5	37.3	55.7	
	pmol/l	126	101	151	Vitros ECi
	pg/ml	34.3	27.5	41.1	

免疫质控品-水平1

货号: IA3109		批号: 1714EC		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
Oestradiol	pmol/l	144	115	173	Siemens Immulite 2000/2500
	pg/ml	39.2	31.3	47.1	
	pmol/l	219	175	263	Abbott Architect
	pg/ml	59.6	47.6	71.6	
	pmol/l	190	152	228	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	51.7	41.3	62.1	
	pmol/l	179	143	215	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	48.7	38.9	58.5	
	pmol/l	207	124	290	Siemens Centaur XP/XPT/Classic Enhanced (eE2)
	pg/ml	56.3	33.8	78.8	
	pmol/l	188	150	226	Roche Cobas 6000/8000 (Estradiol III)
	pg/ml	51.1	40.8	61.4	
Paracetamol	pmol/l	181	145	217	Roche Elecsys (Estradiol III)
	pg/ml	49.2	39.4	59.0	
	pmol/l	174	139	209	Roche Cobas 4000/E411 (Estradiol III)
	pg/ml	47.3	37.8	56.8	
	pmol/l	191	146	236	Roche Modular E170 (Estradiol III)
	pg/ml	52.0	39.7	64.3	
	mmol/l	0.160	0.128	0.192	Abbott Architect
	mg/l	24.2	19.4	29.0	
Phenobarbital	mmol/l	0.132	0.106	0.158	Roche Cobas 6000/8000
	mg/l	20.0	16.0	24.0	
	mmol/l	0.166	0.133	0.199	Gravimetric
	mg/l	25.1	20.1	30.1	
Phenytoin	µmol/l	34.6	27.7	41.5	Abbott Architect
	µg/ml	8.03	6.43	9.63	
	µmol/l	33.6	26.9	40.3	Beckman AU400/600/640/2700/5400
	µg/ml	7.80	6.24	9.36	
Phenytoin	µmol/l	34.5	27.6	41.4	Gravimetric
	µg/ml	8.00	6.40	9.60	
	µmol/l	19.4	15.5	23.3	Abbott Architect
	µg/ml	4.90	3.91	5.89	
	µmol/l	18.3	14.6	22.0	Beckman DxC
	µg/ml	4.62	3.69	5.55	
	µmol/l	18.1	13.9	22.3	Roche Cobas 6000/8000
	µg/ml	4.57	3.51	5.63	
Primidone	µmol/l	20.2	16.2	24.2	Gravimetric
	µg/ml	5.10	4.09	6.11	
Primidone	µmol/l	12.3	9.84	14.8	Gravimetric
	µg/ml	2.69	2.15	3.23	
Progesterone	nmol/l	3.48	2.78	4.18	Siemens Immulite 1000
	ng/ml	1.09	0.870	1.31	
	nmol/l	4.71	3.34	6.08	BioMerieux Vidas
	ng/ml	1.47	1.05	1.89	
	nmol/l	2.82	1.99	3.65	Roche Elecsys (Prog. II)
	ng/ml	0.883	0.623	1.14	

免疫质控品-水平1

货号: IA3109		批号: 1714EC			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	
Progesterone	nmol/l	3.89	2.77	5.01	Vitros ECI	
	ng/ml	1.22	0.867	1.57		
	nmol/l	2.65	1.46	3.84	Siemens Centaur XP/XPT/Classic	
	ng/ml	0.830	0.456	1.20		
	nmol/l	3.67	2.94	4.40	Siemens Immulite 2000/2500	
	ng/ml	1.15	0.920	1.38		
	nmol/l	3.32	2.66	3.98	Abbott Architect	
	ng/ml	1.04	0.833	1.25		
	nmol/l	3.29	2.49	4.09	Beckman Dxl Prog Cal 33555	
	ng/ml	1.03	0.779	1.28		
	nmol/l	3.06	2.45	3.67	Diasorin Liaison	
	ng/ml	0.958	0.767	1.15		
	nmol/l	2.97	2.29	3.65	Roche Cobas 4000/e411 (Prog. II)	
	ng/ml	0.930	0.717	1.14		
	nmol/l	2.83	2.20	3.46	Roche Cobas 6000/8000 (Prog. II)	
	ng/ml	0.886	0.689	1.08		
	ng/ml	0.820	0.698	0.940		
	nmol/l	2.16	1.59	2.73	Beckman Dxl Prog DE Cal A80773	
	ng/ml	0.676	0.498	0.850		
	nmol/l	3.16	2.40	3.92	Roche Cobas 6000/8000 (Prog. III)	
ng/ml	0.989	0.751	1.23			
nmol/l	3.18	2.54	3.82	Roche Cobas 4000/e411 (Prog. III)		
ng/ml	0.995	0.795	1.20			
nmol/l	3.32	2.66	3.98	Roche Modular E170 (Prog. III)		
ng/ml	1.04	0.833	1.25			
Prolactin	μU/ml	198	158	238	BioMerieux Vidas	
	μU/ml	192	154	230	Siemens Immulite 1000	
	μU/ml	214	171	257	Roche Elecsys	
	μU/ml	195	156	234	Vitros ECI	
	μU/ml	164	115	213	Siemens Centaur XP/XPT/Classic	
	μU/ml	177	142	212	Siemens Immulite 2000/2500	
	μU/ml	191	153	229	Abbott Architect	
	μU/ml	191	153	229	Roche Modular E170	
	μU/ml	172	138	206	Beckman Dxl800	
	μU/ml	190	152	228	Roche Elecsys/E170/Cobas 6000/8000 PRLII	
	μU/ml	203	162	244	Roche Cobas E411	
	μU/ml	191	153	229	Roche Cobas 6000/8000	
	μU/ml	188	150	226	Abbott Architect restandardised	
PSA Free	ng/ml = μg/l	0.940	0.705	1.18	Siemens Immulite 2000/2500	
	ng/ml = μg/l	1.08	0.810	1.35	Abbott Architect	
	ng/ml = μg/l	1.18	0.890	1.47	Siemens Centaur XP/XPT/Classic	
	ng/ml = μg/l	1.06	0.795	1.33	Roche Modular E170	
	ng/ml = μg/l	1.52	1.14	1.90	Beckman DXI standardised to Hybritech	
	ng/ml = μg/l	1.11	0.833	1.39	Roche Cobas E411	
	ng/ml = μg/l	1.08	0.810	1.35	Roche Cobas 6000/8000	
	ng/ml = μg/l	0.950	0.713	1.19	Ortho Vitros 3600/5600/ECi PSA II	

免疫质控品-水平1

货号: IA3109		批号: 1714EC		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
PSA Total	ng/ml = µg/l	1.26	0.945	1.58	Siemens Immulite 1000 1st generation
	ng/ml = µg/l	1.36	1.02	1.70	Beckman Access standardised to Hybritech
	ng/ml = µg/l	1.23	0.923	1.54	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	1.64	1.23	2.05	bioMerieux VIDAS TPSA
	ng/ml = µg/l	1.40	1.05	1.75	Siemens Immulite 2000/2500 1st generation
	ng/ml = µg/l	1.22	0.915	1.53	Abbott Architect
	ng/ml = µg/l	1.42	1.07	1.78	Siemens Immulite 2000/2500 3rd generation
	ng/ml = µg/l	1.33	0.998	1.66	Vitros ECI
	ng/ml = µg/l	1.45	1.09	1.81	Roche Modular E170
	ng/ml = µg/l	1.31	0.983	1.64	Beckman Dxl standardised to Hybritech
	ng/ml = µg/l	1.09	0.818	1.36	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	1.50	1.13	1.88	Roche Cobas E411
	ng/ml = µg/l	1.48	1.11	1.85	Roche Cobas 6000/8000
	ng/ml = µg/l	1.31	0.983	1.64	Ortho Vitros 3600/5600/ECi PSA II
Salicylate	mmol/l	0.286	0.229	0.343	Gravimetric
	mg/dl	3.95	3.16	4.74	
SHBG	nmol/l	13.2	10.6	15.8	Siemens Immulite 1000
	nmol/l	13.9	11.1	16.7	Siemens Immulite 2000/2500
	nmol/l	12.9	10.3	15.5	Roche Modular E170
	nmol/l	13.1	10.5	15.7	Abbott Architect
	nmol/l	14.1	11.3	16.9	Roche Cobas E411
	nmol/l	13.4	10.7	16.1	Roche Cobas 6000/8000
	nmol/l	13.4	10.7	16.1	Beckman Dxl800
T Uptake	%U	43.8	35.9	51.7	Siemens Immulite 2000
Testosterone	nmol/l	1.24	0.962	1.52	Vitros ECI
	ng/ml	0.357	0.277	0.440	
	ng/dl	35.7	27.7	43.7	
	nmol/l	1.57	1.02	2.12	Siemens Centaur XP/XPT/Classic
	ng/ml	0.450	0.294	0.610	
	ng/dl	45.2	29.4	61.0	
	nmol/l	1.38	1.04	1.72	Siemens Immulite 2000/2500
	ng/ml	0.397	0.300	0.490	
	ng/dl	39.7	30.0	49.4	
	nmol/l	1.60	1.28	1.92	Abbott Architect
	ng/ml	0.461	0.369	0.553	
	ng/dl	46.1	36.9	55.3	
	nmol/l	1.74	1.39	2.09	Beckman Dxl800
	ng/ml	0.501	0.400	0.602	
	ng/dl	50.1	40.0	60.2	
	nmol/l	1.81	1.45	2.17	Roche Elecsys Test II
	ng/ml	0.521	0.418	0.624	
	ng/dl	52.1	41.8	62.4	
	nmol/l	1.84	1.47	2.21	Roche Modular E170 Test II
	ng/ml	0.530	0.423	0.637	
ng/dl	53.0	42.3	63.7		
nmol/l	1.85	1.48	2.22	Roche Cobas 4000/e411 Test II	
ng/ml	0.533	0.426	0.640		
ng/dl	53.3	42.6	64.0		

免疫质控品-水平1

货号: IA3109		批号: 1714EC		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	
Testosterone	nmol/l	1.81	1.45	2.17	Roche Cobas 6000 Test 2	
	ng/ml	0.521	0.418	0.624		
	ng/dl	52.1	41.8	62.4		
	nmol/l	1.57	1.26	1.88	Abbott Architect 2nd Generation	
		ng/ml	0.452	0.363		0.541
		ng/dl	45.2	36.3		54.1
	nmol/l	1.14	0.912	1.37	BioMerieux Vidas Testosterone II	
		ng/ml	0.328	0.263		0.393
		ng/dl	32.8	26.3		39.3
Theophylline	μmol/l	27.2	20.4	34.0	Abbott Architect	
	μg/ml	4.90	3.68	6.12	Gravimetric	
	μmol/l	28.3	22.6	34.0		
	μg/ml	5.10	4.07	6.13		
Thyroglobulin	ng/ml	2.92	2.19	3.65	Roche Cobas E411	
	ng/ml	2.75	2.06	3.44	Roche Cobas 6000/8000	
	ng/ml	2.82	2.12	3.53	Roche Cobas 6000 TGII	
	ng/ml	3.02	2.27	3.78	Roche Cobas 4000/E411 TGII	
Thyroid Stimulating Hormone	μU/ml = mIU/l	0.073	0.058	0.088	bioMerieux VIDAS TSH	
	μU/ml = mIU/l	0.125	0.100	0.150	Siemens Immulite 1000	
	μU/ml = mIU/l	0.132	0.106	0.158	Roche Elecsys	
	μU/ml = mIU/l	0.098	0.078	0.118	Beckman Access hyperTSH 3rd Generation	
	μU/ml = mIU/l	0.193	0.154	0.232	Vitros ECi	
	μU/ml = mIU/l	0.109	0.074	0.144	Siemens Centaur XP/XPT/Classic	
	μU/ml = mIU/l	0.103	0.082	0.124	Siemens Immulite 2000/2500	
	μU/ml = mIU/l	0.101	0.081	0.121	Abbott Architect	
	μU/ml = mIU/l	0.135	0.108	0.162	Roche Modular E170	
	μU/ml = mIU/l	0.067	0.054	0.080	bioMerieux VIDAS TSH3 Ultrasensitive	
	μU/ml = mIU/l	0.103	0.082	0.124	Beckman Access Fast TSH	
	μU/ml = mIU/l	0.132	0.106	0.158	Roche Cobas E411	
	μU/ml = mIU/l	0.135	0.108	0.162	Roche Cobas 6000/8000	
	μU/ml = mIU/l	0.096	0.077	0.115	Beckman Dxl800 Hyper TSH	
	μU/ml = mIU/l	0.112	0.076	0.148	Siemens Centaur XP/XPT/Classic TSH3-Ultra	
μU/ml = mIU/l	0.091	0.073	0.109	Beckman Dxl 600/800 Access (3rd IS)		
Tobramycin	μmol/l	4.17	3.34	5.00	Gravimetric	
	μg/ml	1.95	1.56	2.34		
Total Beta hCG	mU/ml=IU/l	13.5	10.8	16.2	BioMerieux Vidas	
	IU/ml	0.014	0.011	0.017		
	mU/ml=IU/l	22.6	17.0	28.2	Siemens Immulite 1000	
	IU/ml	0.023	0.017	0.030		
	mU/ml=IU/l	13.2	10.6	15.8	Roche Cobas Core EIA	
	IU/ml	0.013	0.011	0.015		
	mU/ml=IU/l	16.9	13.5	20.3	Beckman Access	
	IU/ml	0.017	0.014	0.020		
mU/ml=IU/l	15.8	12.6	19.0	Vitros ECi		
IU/ml	0.016	0.013	0.019			

免疫质控品-水平1

货号: IA3109		批号: 1714EC		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
Total Beta hCG	mU/ml=IU/l	17.3	10.4	24.2	Siemens Centaur XP/XPT/Classic
	IU/ml	0.017	0.010	0.024	
	mU/ml=IU/l	24.8	19.8	29.8	Siemens Immulite 2000
	IU/ml	0.025	0.020	0.030	
	mU/ml=IU/l	12.7	10.2	15.2	Abbott Architect
	IU/ml	0.013	0.010	0.016	
	mU/ml=IU/l	14.5	11.6	17.4	Siemens Dimension
	IU/ml	0.015	0.012	0.018	
	mU/ml=IU/l	17.0	13.6	20.4	Beckman Dxl800
	IU/ml	0.017	0.014	0.020	
	mU/ml=IU/l	10.5	8.40	12.6	Roche STAT (Intact)
	IU/ml	0.011	0.008	0.014	
	mU/ml=IU/l	13.5	10.8	16.2	Roche hCG+Beta
	IU/ml	0.014	0.011	0.017	
mU/ml=IU/l	16.7	13.4	20.0	Beckman Access Total BhCG (5th IS)	
IU/ml	0.017	0.013	0.021		
mU/ml=IU/l	17.5	14.0	21.0	Beckman Dxl Total BhCG (5th IS)	
IU/ml	0.018	0.014	0.022		
Total T3	nmol/l	0.735	0.551	0.919	BioMerieux Vidas
	ng/ml	0.478	0.359	0.597	
	ng/dl	47.8	35.9	59.7	
	nmol/l	0.618	0.464	0.773	Siemens Immulite 1000
	ng/ml	0.402	0.302	0.502	
	ng/dl	40.2	30.2	50.2	
	nmol/l	0.872	0.654	1.09	Siemens Centaur XP/XPT/Classic
	ng/ml	0.568	0.426	0.710	
	ng/dl	56.8	42.6	71.0	
	nmol/l	0.669	0.502	0.836	Siemens Immulite 2000/2500
	ng/ml	0.436	0.327	0.545	
	ng/dl	43.6	32.7	54.5	
	nmol/l	0.912	0.684	1.14	Abbott Architect
	ng/ml	0.594	0.445	0.743	
	ng/dl	59.4	44.5	74.3	
	nmol/l	1.30	0.975	1.63	Vitros ECi
	ng/ml	0.846	0.635	1.06	
	ng/dl	84.6	63.5	106	
	nmol/l	1.64	1.23	2.05	Roche Cobas E411
	ng/ml	1.07	0.801	1.34	
	ng/dl	107	80.1	134	
nmol/l	1.59	1.19	1.99	Roche Cobas 6000/8000	
ng/ml	1.04	0.775	1.31		
ng/dl	104	77.5	131		
Total T4	nmol/l	27.4	20.6	34.3	Vitros ECi
	µg/dl	2.14	1.61	2.67	
	ng/ml	21.4	16.1	26.7	

免疫质控品-水平1

货号: IA3109		批号: 1714EC		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
Total T4	nmol/l	35.4	26.6	44.3	BioMerieux Vidas
	µg/dl	2.76	2.07	3.45	
	ng/ml	27.6	20.7	34.5	
	nmol/l	25.6	17.9	33.3	Siemens Centaur XP/XPT/Classic
	µg/dl	2.00	1.40	2.60	
	ng/ml	20.0	14.0	26.0	
	nmol/l	25.3	19.0	31.6	Siemens Immulite 2000/2500
	µg/dl	1.97	1.48	2.46	
	ng/ml	19.7	14.8	24.6	
	nmol/l	36.7	27.5	45.9	Abbott Architect
	µg/dl	2.86	2.15	3.57	
	ng/ml	28.6	21.5	35.7	
nmol/l	40.1	30.1	50.1	Roche Cobas E411	
µg/dl	3.13	2.35	3.91		
ng/ml	31.3	23.5	39.1		
nmol/l	35.7	26.8	44.6	Roche Cobas 6000/8000	
µg/dl	2.78	2.09	3.47		
ng/ml	27.8	20.9	34.7		
Valproic Acid	µmol/l	200	160	240	Siemens Immulite 1000
	µg/ml	28.9	23.1	34.7	
	µmol/l	195	156	234	Siemens Immulite 2000/2500
	µg/ml	28.1	22.5	33.7	
	µmol/l	223	156	290	Siemens Centaur XP/XPT/Classic
	µg/ml	32.2	22.5	41.9	
	µmol/l	174	139	209	Vitros
	µg/ml	25.1	20.1	30.1	
	µmol/l	203	162	244	Siemens Dimension
	µg/ml	29.3	23.4	35.2	
	µmol/l	217	174	260	Abbott Architect
	µg/ml	31.3	25.1	37.5	
µmol/l	187	150	224	Beckman DxC	
µg/ml	27.0	21.6	32.4		
µmol/l	202	162	242	Roche Cobas 6000/8000	
µg/ml	29.1	23.4	34.8		
µmol/l	243	194	292	Gravimetric	
µg/ml	35.1	28.0	42.1		
Vancomycin	µmol/l	3.22	2.58	3.86	Abbott Architect
	µg/ml	4.78	3.83	5.73	
	µmol/l	2.74	2.19	3.29	Siemens Dimension
	µg/ml	4.07	3.25	4.89	
	µmol/l	3.35	2.60	4.10	Roche Cobas 6000/8000
µg/ml	4.98	3.86	6.10		
µmol/l	3.43	2.74	4.12	Gravimetric	
µg/ml	5.10	4.07	6.12		
Vitamin B12	pmol/l	106	74.2	138	Siemens Centaur XP/XPT/Classic
	pg/ml	144	101	187	

免疫质控品-水平1

货号: IA3109		批号: 1714EC		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
Vitamin B12	pmol/l	111	88.8	133	Siemens Immulite 2000
	pg/ml	150	120	180	
	pmol/l	138	104	172	Abbott Architect
	pg/ml	187	141	233	
	pmol/l	130	104	156	Vitros ECI
	pg/ml	176	141	211	
	pmol/l	113	90.4	136	Roche Modular E170
	pg/ml	153	122	184	
	pmol/l	80.3	62.7	97.9	Beckman DxI800
	pg/ml	109	85.0	133	
	pmol/l	114	87.6	140	Roche Cobas 6000/8000
	pg/ml	154	119	189	
	pmol/l	106	84.8	127	Siemens Dimension
	pg/ml	144	115	173	