

免疫质控品

货号: IA3110

包装: 12 x 5 ml

批号: 1977EC

效期: 2023-04-28

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端检测系统存在的差异不可避免，所以靶值书仅供参考，建议每个实验室建立自己的参考靶值和可接受范围。

该质控品可用于醛固酮项目，但只提供水平 2 和水平 3 的靶值。该材料还可用于 PTH 项目的质控，但不作定值参考范围和稳定性的声明。

雅培 Abbott Architect 的 CA19-9 检验原理为抗原抗体反应，所使用的抗体材料是 1116-NA-19-9，有报道指出 1116-NA-19-9 的浓度很高时，Abbott Architect 系统的检验结果比其它方法的结果可能更高。

注：详细赋值信息请以原版英文说明书为准，原版说明书请在英国朗道公司官网 www.randox.com 进行下载。

免疫质控品-水平 2

货号: IA3110 / 批号: 1977EC

规格: 12 x 5 ml 效期: 2023-04-28

分析物	单位	靶值	范围		方法学
			低值	高值	
17-羟基孕酮	nmol/l	15.1	11.3	18.9	DIAsource ELISA
	ng/ml	5.00	3.74	6.26	
25-OH-维生素 D	nmol/l	100	75.0	125	Siemens Centaur XP/XPT/Classic
	nmol/l	60.1	45.1	75.1	Roche Vitamin D Total
	nmol/l	62.9	47.2	78.6	Abbott Architect
	nmol/l	83.6	62.7	105	Vitros ECI
	nmol/l	65.9	49.4	82.4	BioMerieux Vidas
	nmol/l	60.4	45.3	75.5	Beckman Dxl 600/800
	nmol/l	60.5	45.4	75.6	Abbott Architect (5P02)/ Alinity (8P45)
	nmol/l	66.8	50.1	83.5	Roche Vitamin D Total II
促肾上腺皮质激素	pmol/l	14.8	11.1	18.5	Siemens Immulite 2000/2500
	pg/ml	67.3	50.4	84.2	
	pmol/l	16.2	12.2	20.3	Roche Cobas E411
	pg/ml	73.6	55.4	91.8	
	pmol/l	14.9	11.2	18.6	Roche Cobas 6000/8000
	pg/ml	67.7	50.9	84.5	
醛固酮	pmol/l	406	305	508	Diasorin Liaison XL
	pg/ml	146	110	182	
甲胎蛋白 (AFP)	KIU/l = IU/ml	39.8	31.8	47.8	BioMerieux Vidas
	ng/ml	48.2	38.5	57.9	
	KIU/l = IU/ml	44.7	35.8	53.6	Vitros ECI
	ng/ml	46.5	37.2	55.8	
	KIU/l = IU/ml	52.0	41.1	62.9	Siemens Centaur XP/XPT/Classic
	ng/ml	62.9	49.7	76.1	
	KIU/l = IU/ml	39.6	31.7	47.5	Siemens Immulite 2000/2500
	ng/ml	47.9	38.4	57.4	
	KIU/l = IU/ml	42.3	33.8	50.8	Abbott Architect
	ng/ml	51.2	40.9	61.5	
	KIU/l = IU/ml	39.6	31.7	47.5	Beckman Dxl800
	ng/ml	47.9	38.4	57.4	
KIU/l = IU/ml	47.8	38.2	57.4	Roche Cobas 6000/8000	
ng/ml	57.8	46.2	69.4		
KIU/l = IU/ml	47.1	37.7	56.5	Roche Cobas E411	
ng/ml	57.0	45.6	68.4		
丁胺卡那霉素	μmol/l	15.2	12.2	18.2	Gravimetric
	μg/ml	8.90	7.14	10.7	
雄烯二酮	nmol/l	11.9	8.93	14.9	Siemens Immulite 2000
	ng/ml	3.42	2.56	4.28	
-2-微球蛋白	μg/ml = mg/l	3.21	2.57	3.85	BioMerieux Vidas
	μg/ml = mg/l	3.07	2.46	3.68	Abbott Architect

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分析物	单位	靶值	范围		方法学
			低值	高值	
-2-微球蛋白					
C-肽	nmol/l	2.220	1.670	2.780	Siemens Immulite 2000/2500
	ng/ml	6.70	5.04	8.36	
	nmol/l	2.270	1.700	2.840	Roche Cobas 6000/8000
	ng/ml	6.85	5.13	8.57	
CA 15-3	U/ml	37.9	25.8	50.0	Siemens Centaur XP/XPT/Classic
	U/ml	41.3	33.0	49.6	Abbott Architect
	U/ml	17.2	13.8	20.6	Beckman Dxl800
	U/ml	40.0	32.0	48.0	Roche Cobas 6000/8000
	U/ml	38.8	31.0	46.6	Roche Cobas E411
CA 19-9	U/ml	39.9	31.9	47.9	BioMerieux Vidas
	U/ml	47.6	32.4	62.8	Siemens Centaur XP/XPT/Classic
	U/ml	300	240	360	Siemens Immulite 2000/2500
	U/ml	104	83.2	125	Vitros ECi
	U/ml	301	241	361	Beckman Dxl800
	U/ml	66.9	53.5	80.3	Abbott Architect XR/XR2 kit
	U/ml	67.4	53.9	80.9	Roche Cobas 6000/8000
	U/ml	68.6	54.9	82.3	Roche Cobas E411
CA125	U/ml	57.7	46.2	69.2	BioMerieux Vidas
	U/ml	27.7	22.2	33.2	Siemens Immulite 2000/2500
	U/ml	40.8	32.6	49.0	Vitros ECi
	U/ml	62.6	50.1	75.1	Abbott Architect
	U/ml	36.2	24.6	47.8	Siemens Centaur XP/XPT/Classic CA125 II kit
	U/ml	15.5	12.4	18.6	Beckman Dxl800
	U/ml	76.8	61.4	92.2	Roche Cobas E411
立痛定 (卡马西平)	μmol/l	36.8	29.4	44.2	Abbott Architect
	μg/ml	8.70	6.95	10.5	
	μmol/l	37.8	30.2	45.4	Roche Cobas 6000/8000
	μg/ml	8.94	7.14	10.7	
	μmol/l	38.5	30.8	46.2	Gravimetric
(CEA) 癌胚抗原	ng/ml = μg/l	24.1	19.3	28.9	BioMerieux Vidas
	ng/ml = μg/l	25.6	20.5	30.7	Vitros ECi
	ng/ml = μg/l	22.2	17.8	26.6	Beckman Access
	ng/ml = μg/l	25.7	17.5	33.9	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	30.1	24.1	36.1	Siemens Immulite 2000/2500
	ng/ml = μg/l	26.8	21.4	32.2	Abbott Architect
	ng/ml = μg/l	21.7	17.4	26.0	Beckman Dxl800
	ng/ml = μg/l	21.8	17.4	26.2	Roche Cobas 6000/8000
	ng/ml = μg/l	22.5	18.0	27.0	Roche Cobas E411
皮质醇	nmol/l	799	599	999	Beckman Access
	μg/dl	28.8	21.6	36.0	
	nmol/l	783	540	1026	Siemens Centaur XP/XPT/Classic
	μg/dl	28.2	19.5	36.9	
	nmol/l	684	513	855	Siemens Immulite 2000/2500
μg/dl	24.6	18.5	30.7		

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			低值	高值	
皮质醇	nmol/l	651	488	814	Vitros ECI
	µg/dl	23.4	17.6	29.2	
	nmol/l	616	462	770	Abbott Architect
	µg/dl	22.2	16.6	27.8	
	nmol/l	638	479	798	Beckman Dxl800
	µg/dl	23.0	17.2	28.8	
	nmol/l	779	584	974	Roche Cobas 6000/8000
	µg/dl	28.0	21.0	35.0	
	nmol/l	766	575	958	Roche Cobas E411
	µg/dl	27.6	20.7	34.5	
去表雄酮硫酸盐	nmol/l	742	557	928	Roche Cobas 4000/e411 Gen II
	µg/dl	26.7	20.1	33.3	
	nmol/l	693	520	866	Roche Cobas 6000/8000 Gen II
	µg/dl	24.9	18.7	31.1	
	µmol/l	11.1	8.88	13.3	Siemens Immulite 2000/2500
地高辛	µmol/l	13.1	10.5	15.7	Abbott Architect
	µmol/l	11.2	7.28	15.1	Siemens Centaur XP/XPT/Classic
	µmol/l	15.9	12.7	19.1	Roche Cobas E411
	µmol/l	15.8	12.6	19.0	Roche Cobas 6000/8000
	nmol/l	3.12	2.50	3.74	Siemens Immulite 2000/2500
乙琥胺	ng/ml	2.44	1.95	2.93	
	nmol/l	2.33	1.86	2.80	Abbott Architect
	ng/ml	1.82	1.45	2.19	
	nmol/l	2.77	2.22	3.32	Beckman Dxl800
	ng/ml	2.16	1.73	2.59	
	nmol/l	3.07	2.46	3.68	Gravimetric
血清铁蛋白	ng/ml	2.40	1.92	2.87	
	µmol/l	360	288	432	Gravimetric
	µg/ml	51.0	40.8	61.3	
	ng/ml = µg/l	86.5	69.2	104	BioMerieux Vidas
	ng/ml = µg/l	104	83.2	125	Roche Elecsys
	ng/ml = µg/l	69.6	55.7	83.5	Beckman Access
	ng/ml = µg/l	63.3	50.6	76.0	Vitros ECI
	ng/ml = µg/l	82.9	62.2	104	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	89.5	71.6	107	Siemens Immulite 2000/2500
叶酸	ng/ml = µg/l	102	81.6	122	Abbott Architect
	ng/ml = µg/l	105	84.0	126	Roche Modular E170
	ng/ml = µg/l	67.5	54.0	81.0	Beckman Dxl800
	ng/ml = µg/l	104	83.2	125	Roche Cobas E411
	nmol/l	12.1	9.20	15.0	Beckman Access
	ng/ml	5.34	4.06	6.62	
	nmol/l	8.49	6.45	10.5	Siemens Immulite 2000
ng/ml	3.74	2.84	4.64		
叶酸	nmol/l	7.99	6.07	9.91	Vitros ECI
	ng/ml	3.52	2.68	4.36	

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分析物	单位	靶值	范围		方法学	
			低值	高值		
叶酸	nmol/l	9.74	7.40	12.1	Abbott Architect	
	ng/ml	4.30	3.26	5.34		
	nmol/l	22.7	14.8	30.6	Siemens Centaur XP/XPT/Classic (enhanced kit)	
	ng/ml	10.0	6.50	13.5		
	nmol/l	11.8	8.97	14.6	Beckman DxI800	
	ng/ml	5.20	3.96	6.44		
	游离 T3	pmol/l	16.5	12.4	20.6	Roche Elecsys
		ng/dl	1.07	0.806	1.33	
pg/ml		10.7	8.07	13.3		
pmol/l		11.4	8.55	14.3	Beckman Access	
ng/dl		0.741	0.556	0.926		
pg/ml		7.42	5.57	9.27		
pmol/l		30.9	23.2	38.6	Vitros ECI	
ng/dl		2.01	1.51	2.51		
pg/ml		20.1	15.1	25.1		
pmol/l		13.2	7.92	18.5	Siemens Centaur XP/XPT/Classic	
ng/dl		0.858	0.515	1.20		
pg/ml		8.59	5.15	12.0		
pmol/l		10.4	7.80	13.0	Siemens Immulite 2000/2500	
ng/dl		0.676	0.507	0.845		
pg/ml		6.77	5.08	8.46		
pmol/l		12.6	9.45	15.8	Abbott Architect	
ng/dl		0.819	0.614	1.02		
pg/ml		8.20	6.15	10.3		
pmol/l		9.51	7.13	11.9	Beckman DxI800	
ng/dl		0.618	0.463	0.773		
pg/ml		6.19	4.64	7.74		
pmol/l		15.6	11.7	19.5	Roche Cobas E411	
ng/dl		1.01	0.761	1.26		
pg/ml		10.2	7.62	12.8		
pmol/l		16.3	12.2	20.4	Roche Cobas 6000/8000	
ng/dl		1.06	0.793	1.33		
pg/ml		10.6	7.94	13.3		
游离 T4		pmol/l	29.2	21.9	36.5	Roche Elecsys
	ng/dl	2.28	1.71	2.85		
	pg/ml	22.8	17.1	28.5		
	pmol/l	23.0	17.3	28.8	Beckman Access	
	ng/dl	1.79	1.35	2.23		
	pg/ml	17.9	13.5	22.3		
	pmol/l	57.5	43.1	71.9	Vitros ECI	
	ng/dl	4.49	3.36	5.62		
	pg/ml	44.9	33.6	56.2		
	pmol/l	21.9	16.4	27.4	Siemens Centaur XP/XPT/Classic	
	ng/dl	1.71	1.28	2.14		
	pg/ml	17.1	12.8	21.4		
	pmol/l	29.1	21.8	36.4	Siemens Immulite 2000/2500	
	ng/dl	2.27	1.70	2.84		
	pg/ml	22.7	17.0	28.4		

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			低值	高值	
游离 T4	pmol/l	20.3	15.2	25.4	Abbott Architect
	ng/dl	1.58	1.19	1.97	
	pg/ml	15.8	11.9	19.7	
	pmol/l	22.6	17.0	28.3	Beckman Dxl800
	ng/dl	1.76	1.33	2.19	
	pg/ml	17.6	13.3	21.9	
	pmol/l	27.0	20.3	33.8	Roche Cobas 6000/8000
	ng/dl	2.11	1.58	2.64	
	pg/ml	21.1	15.8	26.4	
	pmol/l	26.8	20.1	33.5	Roche Cobas E411
	ng/dl	2.09	1.57	2.61	
	pg/ml	20.9	15.7	26.1	
pmol/l	28.6	21.5	35.8	Biomerieux Vidas FT4N Kit	
ng/dl	2.23	1.68	2.78		
pg/ml	22.3	16.8	27.8		
pmol/l	23.4	17.6	29.3	Mindray CL-2000i	
ng/dl	1.83	1.37	2.29		
pg/ml	18.3	13.7	22.9		
卵泡刺激素 (FSH)	mU/ml	27.7	22.2	33.2	BioMerieux Vidas
	mU/ml	20.4	16.3	24.5	Vitros ECi
	mU/ml	30.8	23.1	38.5	Siemens Centaur XP/XPT/Classic
	mU/ml	23.5	18.8	28.2	Siemens Immulite 2000/2500
	mU/ml	22.8	18.2	27.4	Abbott Architect
	mU/ml	27.6	22.1	33.1	Beckman Dxl800
	mU/ml	23.9	19.1	28.7	Roche Cobas E411
	mU/ml	22.9	18.3	27.5	Roche Cobas 6000/8000
庆大霉素	μmol/l	8.16	6.53	9.79	Gravimetric
	μg/ml	3.90	3.12	4.68	
生长激素(GH)	μU/ml	18.5	14.8	22.2	Siemens Immulite 2000/2500
	ng/ml	6.16	4.93	7.39	
	μU/ml	14.0	11.2	16.8	Beckman Dxl800
	ng/ml	4.66	3.73	5.59	
	μU/ml	16.6	13.3	19.9	Roche Cobas E411
	ng/ml	5.53	4.43	6.63	
	μU/ml	16.3	13.0	19.6	Roche Cobas 6000/8000
	ng/ml	5.43	4.33	6.53	
μU/ml	15.4	12.3	18.5	Diasorin Liaison XL	
ng/ml	5.13	4.10	6.16		
免疫球蛋白 E	KIU/l = IU/ml	91.0	72.8	109	BioMerieux Vidas
	KIU/l = IU/ml	128	76.8	179	Siemens Centaur XP/XPT/Classic
	KIU/l = IU/ml	135	108	162	Siemens Immulite 2000/2500
	KIU/l = IU/ml	115	92.0	138	Abbott Architect
	KIU/l = IU/ml	139	111	167	Roche Cobas E411
	KIU/l = IU/ml	140	112	168	Roche Cobas 6000/8000

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胰岛素	mU/l	3.89	2.92	4.86	Siemens Immulite 2000
	μU/ml	3.89	2.92	4.86	
	mU/l	12.0	9.00	15.0	Beckman Access
	μU/ml	12.0	9.00	15.0	
	mU/l	13.0	9.75	16.3	Abbott Architect
	μU/ml	13.0	9.75	16.3	
	mU/l	15.4	11.6	19.3	Roche Cobas E411
	μU/ml	15.4	11.6	19.2	
促黄体生成素 (LH)	mU/ml	31.6	25.3	37.9	Beckman Access
	mU/ml	36.6	29.3	43.9	BioMerieux Vidas
	mU/ml	52.6	42.1	63.1	Vitros ECI
	mU/ml	36.4	28.0	44.8	Siemens Centaur XP/XPT/Classic
	mU/ml	60.9	48.7	73.1	Siemens Immulite 2000
	mU/ml	31.1	24.9	37.3	Abbott Architect
	mU/ml	29.1	23.3	34.9	Beckman Dxl800
	mU/ml	39.6	31.7	47.5	Roche Cobas E411
雌二醇 (E2)	mU/ml	38.7	31.0	46.4	Roche Cobas 6000/8000
	pmol/l	1336	1069	1603	BioMerieux Vidas
	pg/ml	363	291	435	
	pmol/l	1076	861	1291	Vitros ECI
	pg/ml	293	234	352	
	pmol/l	756	605	907	Abbott Architect
	pg/ml	206	165	247	
	pmol/l	1006	805	1207	Beckman Dxl800
	pg/ml	274	219	329	
	pmol/l	821	657	985	Roche Cobas 6000/8000 (Estradiol II)
	pg/ml	223	179	267	
	pmol/l	822	658	986	Roche Cobas 4000/E411 (Estradiol II)
	pg/ml	224	179	269	
	pmol/l	1072	643	1501	Siemens Centaur XP/XPT/Classic Enhanced (eE2)
	pg/ml	292	175	409	
	pmol/l	816	653	979	Roche Cobas 6000/8000 (Estradiol III)
pg/ml	222	178	266		
pmol/l	781	625	937	Roche Cobas 4000/E411 (Estradiol III)	
pg/ml	212	170	254		
pmol/l	856	685	1027	Beckman Dxl600/800 Sensitive B84493	
pg/ml	233	186	280		
扑热息痛	mmol/l	0.316	0.253	0.379	Roche Cobas 6000/8000
	mg/l	47.8	38.3	57.3	
	mmol/l	0.348	0.280	0.420	Gravimetric
	mg/l	52.7	42.4	63.5	
苯巴比妥	μmol/l	78.4	62.7	94.1	Abbott Architect
	μg/ml	18.2	14.5	21.9	

免疫质控品-水平 2

货号: IA3110 批号: 1977EC

规格: 12 x 5 ml 效期: 2023-04-28

分析物	单位	靶值	范围		方法学
			低值	高值	
苯巴比妥	μmol/l	75.2	60.2	90.2	Siemens Immulite 2000/2500
	μg/ml	17.4	14.0	20.8	
	μmol/l	77.6	62.1	93.1	Gravimetric
	μg/ml	18.0	14.4	21.6	
苯妥英钠	μmol/l	65.3	52.2	78.4	Abbott Architect
	μg/ml	16.5	13.2	19.8	
	μmol/l	65.5	52.4	78.6	Roche Cobas 6000/8000
	μg/ml	16.5	13.2	19.8	
扑米酮	μmol/l	71.3	57.0	85.6	Gravimetric
	μg/ml	18.0	14.4	21.6	
	μmol/l	22.5	18.0	27.0	Gravimetric
	μg/ml	4.91	3.93	5.89	
孕酮	nmol/l	42.6	34.1	51.1	BioMerieux Vidas
	ng/ml	13.3	10.7	15.9	
	nmol/l	23.6	16.5	30.7	Siemens Centaur XP/XPT/Classic
	ng/ml	7.39	5.17	9.61	
	nmol/l	25.2	20.2	30.2	Siemens Immulite 2000/2500
	ng/ml	7.89	6.32	9.46	
	nmol/l	26.5	21.2	31.8	Abbott Architect
	ng/ml	8.29	6.64	9.94	
	nmol/l	35.0	28.0	42.0	Beckman Dxl Prog Cal 33555
	ng/ml	11.0	8.76	13.2	
	nmol/l	34.9	27.9	41.9	Roche Cobas 4000/e411 (Prog. II)
	ng/ml	10.9	8.73	13.1	
	nmol/l	33.6	26.9	40.3	Roche Cobas 6000/8000 (Prog. II)
	ng/ml	10.5	8.42	12.6	
nmol/l	26.4	21.1	31.7	Beckman Dxl Prog DE Cal A80773	
ng/ml	8.26	6.60	9.92		
nmol/l	34.8	27.8	41.8	Roche Cobas 6000/8000 (Prog. III)	
ng/ml	10.9	8.70	13.1		
nmol/l	34.3	27.4	41.2	Roche Cobas 4000/e411 (Prog. III)	
ng/ml	10.7	8.58	12.8		
催乳素	μU/ml	753	602	904	BioMerieux Vidas
	μU/ml	540	432	648	Vitros ECi
	μU/ml	532	415	649	Siemens Centaur XP/XPT/Classic
	μU/ml	541	433	649	Siemens Immulite 2000/2500
	μU/ml	632	506	758	Abbott Architect
	μU/ml	514	411	617	Beckman Dxl800
	μU/ml	611	489	733	Roche Elecsys/E170/Cobas 6000/8000 PRLII
	μU/ml	643	514	772	Roche Cobas E411
	μU/ml	609	487	731	Roche Cobas 6000/8000
游离PSA	ng/ml = μg/l	10.4	7.80	13.0	Abbott Architect
	ng/ml = μg/l	13.2	9.90	16.5	Beckman Access standardised to Hybritech
	ng/ml = μg/l	10.3	7.73	12.9	Siemens Centaur XP/XPT/Classic
	ng/ml = μg/l	11.7	8.78	14.6	Beckman DXI standardised to Hybritech

免疫质控品-水平 2

货号. IA3110 批号. 1977EC

规格: 12 x 5 ml 效期: 2023-04-28

分析物	单位	靶值	范围		方法学
			低值	高值	
游离PSA	ng/ml = µg/l	9.20	6.90	11.5	Roche Cobas E411
	ng/ml = µg/l	9.30	6.98	11.6	Roche Cobas 6000/8000
总PSA	ng/ml = µg/l	12.7	9.53	15.9	Beckman Access standardised to Hybritech
	ng/ml = µg/l	10.6	7.95	13.3	Siemens Centaur XP/XPT/Classic
	ng/ml = µg/l	11.7	8.78	14.6	bioMerieux VIDAS TPSA
	ng/ml = µg/l	8.93	6.70	11.2	Siemens Immulite 2000/2500 1st generation
	ng/ml = µg/l	10.2	7.65	12.8	Abbott Architect
	ng/ml = µg/l	12.8	9.60	16.0	Vitros ECi
	ng/ml = µg/l	12.8	9.60	16.0	Beckman Access standardised to WHO IRP96/670
	ng/ml = µg/l	11.8	8.85	14.8	Beckman Dxl standardisd to Hybritech
	ng/ml = µg/l	9.56	7.17	12.0	Beckman Dxl800 standardised to WHO IRP96/670
	ng/ml = µg/l	12.9	9.68	16.1	Roche Cobas E411
	ng/ml = µg/l	12.9	9.68	16.1	Roche Cobas 6000/8000
	ng/ml = µg/l	12.8	9.60	16.0	Ortho Vitros 3600/5600/ECi PSA II
水杨酸	mmol/l	1.22	0.980	1.46	Gravimetric
	mg/dl	16.9	13.5	20.2	
性激素结合球蛋白	nmol/l	39.4	31.5	47.3	Siemens Immulite 2000/2500
	nmol/l	38.1	30.5	45.7	Abbott Architect
	nmol/l	38.8	31.0	46.6	Beckman Dxl800
T Uptake	%U	34.5	28.3	40.7	Siemens Immulite 2000
睾酮	nmol/l	19.2	15.4	23.0	Vitros ECi
	ng/ml	5.53	4.44	6.62	
	ng/dl	553	444	662	
	nmol/l	17.7	14.2	21.2	Siemens Immulite 2000/2500
	ng/ml	5.10	4.09	6.11	
	ng/dl	510	409	611	
	nmol/l	15.2	12.2	18.2	Abbott Architect
	ng/ml	4.38	3.51	5.25	
	ng/dl	438	351	525	
	nmol/l	13.5	10.8	16.2	Beckman Dxl800
	ng/ml	3.89	3.11	4.67	
	ng/dl	389	311	467	
	nmol/l	16.8	13.4	20.2	Roche Cobas 4000/e411 Test II
	ng/ml	4.84	3.86	5.82	
	ng/dl	484	386	582	
	nmol/l	17.2	13.8	20.6	Roche Cobas 6000 Test 2
	ng/ml	4.95	3.97	5.93	
	ng/dl	495	397	593	
nmol/l	15.5	12.4	18.6	Abbott Architect 2nd Generation	
ng/ml	4.46	3.57	5.35		
ng/dl	446	357	535		
nmol/l	15.3	10.7	19.9	Siemens Centaur TST II	
ng/ml	4.41	3.09	5.73		
ng/dl	441	309	573		
茶碱	µmol/l	77.3	61.8	92.8	Roche Cobas 6000/8000
	µg/ml	13.9	11.1	16.7	

免疫质控品-水平 2

货号: IA3110 批号: 1977EC

规格: 12 x 5 ml 效期: 2023-04-28

分析物	单位	靶值	范围		方法学
			低值	高值	
茶碱	μmol/l	83.8	67.0	101	Gravimetric
	μg/ml	15.1	12.1	18.2	
甲状腺球蛋白	ng/ml	15.0	11.3	18.8	Siemens Immulite 2000
	ng/ml	36.5	27.4	45.6	Roche Cobas 6000/8000
	ng/ml	36.7	27.5	45.9	Roche Cobas 6000 TGII
促甲状腺素 (TSH)	μU/ml = mIU/l	1.93	1.54	2.32	bioMerieux VIDAS TSH
	μU/ml = mIU/l	2.33	1.86	2.80	Siemens Immulite 1000
	μU/ml = mIU/l	2.19	1.75	2.63	Beckman Access hyperTSH 3rd Generation
	μU/ml = mIU/l	2.62	2.10	3.14	Vitros Eci
	μU/ml = mIU/l	2.24	1.52	2.96	Siemens Centaur XP/XPT/Classic
	μU/ml = mIU/l	2.32	1.86	2.78	Siemens Immulite 2000/2500
	μU/ml = mIU/l	1.94	1.55	2.33	Abbott Architect
	μU/ml = mIU/l	1.74	1.39	2.09	bioMerieux VIDAS TSH3 Ultrasensitive
	μU/ml = mIU/l	2.02	1.62	2.42	Beckman Access Fast TSH
	μU/ml = mIU/l	2.40	1.92	2.88	Roche Cobas E411
	μU/ml = mIU/l	2.40	1.92	2.88	Roche Cobas 6000/8000
	μU/ml = mIU/l	2.12	1.70	2.54	Beckman DxI800 Hyper TSH
	μU/ml = mIU/l	2.23	1.52	2.94	Siemens Centaur XP/XPT/Classic TSH3-Ultra
	μU/ml = mIU/l	3.17	2.54	3.80	Mindray CL-2000i
妥布霉素	μmol/l	7.16	5.73	8.59	Gravimetric
	μg/ml	3.35	2.68	4.02	
总 -hCG	mU/ml=IU/l	35.8	28.6	43.0	BioMerieux Vidas
	IU/ml	0.036	0.029	0.043	
	mU/ml=IU/l	36.7	29.4	44.0	Beckman Access
	IU/ml	0.037	0.029	0.045	
	mU/ml=IU/l	35.9	28.7	43.1	Vitros Eci
	IU/ml	0.036	0.029	0.043	
	mU/ml=IU/l	40.6	24.4	56.8	Siemens Centaur XP/XPT/Classic
	IU/ml	0.041	0.024	0.057	
	mU/ml=IU/l	43.2	34.6	51.8	Siemens Immulite 2000
	IU/ml	0.043	0.035	0.051	
	mU/ml=IU/l	36.1	28.9	43.3	Abbott Architect
	IU/ml	0.036	0.029	0.043	
	mU/ml=IU/l	38.2	30.6	45.8	Siemens Dimension
	IU/ml	0.038	0.031	0.045	
	mU/ml=IU/l	38.8	31.0	46.6	Beckman DxI800
	IU/ml	0.039	0.031	0.047	
	mU/ml=IU/l	34.9	27.9	41.9	Roche STAT (Intact)
	IU/ml	0.035	0.028	0.042	
	mU/ml=IU/l	33.8	27.0	40.6	Roche hCG+Beta
	IU/ml	0.034	0.027	0.041	
mU/ml=IU/l	38.3	30.6	46.0	Beckman Access Total BhCG (5th IS)	
IU/ml	0.038	0.031	0.045		
mU/ml=IU/l	38.8	31.0	46.6	Beckman DxI Total BhCG (5th IS)	
IU/ml	0.039	0.031	0.047		

免疫质控品-水平 2

货号. IA3110 批号. 1977EC

规格: 12 x 5 ml 效期: 2023-04-28

分析物	单位	靶值	范围		方法学
			低值	高值	
总 T3	nmol/l	4.30	3.23	5.38	BioMerieux Vidas
	ng/ml	2.80	2.10	3.50	
	ng/dl	280	210	350	
	nmol/l	4.51	3.38	5.64	Siemens Centaur XP/XPT/Classic
	ng/ml	2.94	2.20	3.68	
	ng/dl	294	220	368	
	nmol/l	4.28	3.21	5.35	Siemens Immulite 2000/2500
	ng/ml	2.79	2.09	3.49	
	ng/dl	279	209	349	
	nmol/l	3.61	2.71	4.51	Abbott Architect
	ng/ml	2.35	1.76	2.94	
	ng/dl	235	176	294	
nmol/l	4.25	3.19	5.31	Vitros ECI	
ng/ml	2.77	2.08	3.46		
ng/dl	277	208	346		
nmol/l	4.56	3.42	5.70	Roche Cobas E411	
ng/ml	2.97	2.23	3.71		
ng/dl	297	223	371		
nmol/l	4.34	3.26	5.43	Roche Cobas 6000/8000	
ng/ml	2.83	2.12	3.54		
ng/dl	283	212	354		
总T4	nmol/l	104	78.0	130	Vitros ECI
	µg/dl	8.11	6.08	10.1	
	ng/ml	81.1	60.8	101	
	nmol/l	117	87.8	146	BioMerieux Vidas
	µg/dl	9.13	6.85	11.4	
	ng/ml	91.3	68.5	114	
	nmol/l	107	80.3	134	Siemens Immulite 1000
	µg/dl	8.35	6.26	10.4	
	ng/ml	83.5	62.6	104	
	nmol/l	112	84.0	140	Beckman Access
	µg/dl	8.74	6.55	10.9	
	ng/ml	87.4	65.5	109	
	nmol/l	102	66.3	138	Siemens Centaur XP/XPT/Classic
	µg/dl	7.96	5.17	10.7	
	ng/ml	79.6	51.7	107	
	nmol/l	103	77.3	129	Siemens Immulite 2000/2500
	µg/dl	8.03	6.03	10.0	
	ng/ml	80.3	60.3	100	
nmol/l	101	75.8	126	Abbott Architect	
µg/dl	7.88	5.91	9.85		
ng/ml	78.8	59.1	98.5		
nmol/l	109	81.8	136	Roche Cobas E411	
µg/dl	8.50	6.38	10.6		
ng/ml	85.0	63.8	106		
nmol/l	106	79.5	133	Roche Cobas 6000/8000	
µg/dl	8.27	6.20	10.3		
ng/ml	82.7	62.0	103		

免疫质控品-水平 2

货号: IA3110 批号: 1977EC

规格: 12 x 5 ml 效期: 2023-04-28

分析物	单位	靶值	范围		方法学
			低值	高值	
丙戊酸	μmol/l	523	418	628	Siemens Immulite 2000/2500
	μg/ml	75.5	60.3	90.7	
	μmol/l	513	410	616	Abbott Architect
	μg/ml	74.0	59.2	88.8	
	μmol/l	553	442	664	Roche Cobas 6000/8000
	μg/ml	79.8	63.8	95.8	
万古霉素	μmol/l	638	510	766	Gravimetric
	μg/ml	92.1	73.6	111	
	μmol/l	7.14	5.71	8.57	Abbott Architect
	μg/ml	10.6	8.48	12.7	
	μmol/l	5.85	4.68	7.02	Roche Cobas 6000/8000
	μg/ml	8.69	6.95	10.4	
维生素 B12	μmol/l	7.10	5.68	8.52	Gravimetric
	μg/ml	10.5	8.44	12.7	
	pmol/l	359	287	431	Beckman Access
	pg/ml	486	389	583	
	pmol/l	446	335	557	Siemens Centaur XP/XPT/Classic
	pg/ml	604	453	755	
	pmol/l	390	312	468	Siemens Immulite 2000
	pg/ml	528	423	633	
维生素 B12	pmol/l	408	326	490	Abbott Architect
	pg/ml	553	442	664	
	pmol/l	383	306	460	Vitros Eci
	pg/ml	519	415	623	
	pmol/l	315	252	378	Beckman DxI800
	pg/ml	427	341	513	