

**【英文名称】: IMMUNOASSAY PREMIUM PLUS - LEVEL 3 (IA PREMIUM PLUS 3)**

**【中文名称】: 免疫质控品 (水平 3)**

**【货号】 (CAT. NUMBER): IA3111 / IA3112 【批号】 (LOT NUMBER): 2681EC**  
**【包装规格】 (SIZE): 12 x 5ml / 4 x 5ml 【到期】 (EXPIRY): 2028-08-28**

本产品的准备和使用详见试剂盒内说明书。

Full instructions for the use and preparation of this product are included with the kit.

质控品靶值和范围如下所示。

Target values and ranges are listed below.

ZH: 05 Dec '25 me

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)								
批号 (Lot. No): 268IEC 货号 (Cat. No): IA3111 / IA3112 到期 (Expiry): 2028-08-28										
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围						
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法		
25-OH-Vitamin D	25-羟维生素D	ng/ml	39.9	29.9	49.9	5.00	10.0	Abbott Alinity i		
		nmol/l	99.7	74.8	125	12.7	25.3			
		ng/ml	38.9	29.2	48.6	4.85	9.70	Abbott Architect (3L52)		
		nmol/l	97.1	72.8	121	12.0	23.9			
		ng/ml	40.1	30.1	50.1	5.00	10.0	Abbott Architect (5P02)		
		nmol/l	100	75.0	125	12.5	25.0			
		ng/ml	38.9	29.2	48.6	4.85	9.70	Beckman Dxl 600/800		
		nmol/l	97.2	72.9	122	12.4	24.8			
		ng/ml	38.3	28.7	47.9	4.80	9.60	bioMerieux Vidas/mini Vidas/Vidas 3		
		nmol/l	95.7	71.8	120	12.2	24.3			
ACTH	促肾上腺皮质激素	ng/ml	44.1	33.1	55.1	5.50	11.0	Ortho Vitros 3600/5600/ECi/XT 7600		
		nmol/l	110	82.5	138	14.0	28.0			
		ng/ml	34.7	26.0	43.4	4.35	8.70	Roche Vitamin D total III		
		nmol/l	86.6	65.0	108	10.7	21.4	Roche 维生素D总量 III		
		ng/ml	35.9	26.9	44.9	4.50	9.00	Roche Vitamin D Total III e402/e801		
		nmol/l	89.5	67.1	112	11.3	22.5	Roche 维生素D总量 III e402/e801		
		ng/ml	53.7	40.3	67.1	6.70	13.4	Siemens Atellica IM		
		nmol/l	134	101	167	16.5	33.0			
		Aldosterone	醛固酮	pg/ml	134	101	167	16.5	33.0	DiaSorin Liaison XL
				pmol/l	29.5	22.1	36.9	3.70	7.40	
pg/ml	80.9			60.7	101	10.1	20.1	Roche Cobas e402/e801		
pmol/l	17.8			13.4	22.2	2.20	4.40			
pg/ml	79.1			59.3	98.9	9.90	19.8	Roche Cobas e601/ 602		
pmol/l	17.4			13.1	21.7	2.15	4.30			
Aldosterone	醛固酮	pg/ml	91.4	68.6	114	11.3	22.6	Siemens/DPC Immulite 2000/2500		
		pmol/l	20.1	15.1	25.1	2.50	5.00			
		pg/ml	263	197	329	33.0	66.0	DiaSorin Liaison XL		
		pmol/l	729	547	911	91.0	182			
Aldosterone	醛固酮	pg/ml	262	197	327	32.5	65.0	IDS iSYS		
		pmol/l	727	545	909	91.0	182			

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Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Alpha-fetoprotein	甲胎蛋白 (AFP)	ng/ml	208	166	250	21.0	42.0	3HB-GGG Start
		KIU/l = IU/ml	172	138	206	17.0	34.0	
		ng/ml	203	162	244	20.5	41.0	Abbott Alinity i
		KIU/l = IU/ml	168	134	202	17.0	34.0	
Alpha-fetoprotein	甲胎蛋白 (AFP)	ng/ml	232	186	278	23.0	46.0	Ortho Vitros 3600/5600/ECi/XT 7600
		KIU/l = IU/ml	192	154	230	19.0	38.0	
		ng/ml	219	175	263	22.0	44.0	Roche Cobas 4000/e411
		KIU/l = IU/ml	181	145	217	18.0	36.0	
		ng/ml	225	180	270	22.5	45.0	Roche Cobas e402/e801
		KIU/l = IU/ml	186	149	223	18.5	37.0	
		ng/ml	217	174	260	21.5	43.0	Roche Cobas e601/ 602
		KIU/l = IU/ml	179	143	215	18.0	36.0	
Androstenedione	雄烯二酮	ng/ml	8.06	6.05	10.1	1.02	2.04	Roche Elecsys
		nmol/l	28.1	21.1	35.1	3.50	7.00	
		ng/ml	11.0	8.25	13.8	1.40	2.80	Siemens/DPC Immulite 2000
		nmol/l	38.2	28.7	47.7	4.75	9.50	
Beta-2-Microglobulin	β-2-微球蛋白	μg/ml = mg/l	5.68	4.54	6.82	0.570	1.14	Roche Cobas 6000/8000
		μg/ml = mg/l	5.29	4.23	6.35	0.530	1.06	Siemens/DPC Immulite 2000/2500
C-Peptide	C-肽	ng/ml	6.34	4.76	7.92	0.790	1.58	Roche Cobas e402/e801
		nmol/l	2.10	1.58	2.62	0.260	0.520	
CA 125	糖类抗原125 (CA125)	U/ml	278	222	334	28.0	56.0	Abbott Alinity
		U/ml	278	222	334	28.0	56.0	Abbott Architect
		U/ml	188	150	226	19.0	38.0	Ortho Vitros 3600/5600/ECi/XT 7600
		U/ml	187	150	224	18.5	37.0	Roche Cobas 4000/e411
		U/ml	176	141	211	17.5	35.0	Roche Cobas e402/e801
		U/ml	187	150	224	18.5	37.0	Roche Cobas e601/ 602
		U/ml	239	191	287	24.0	48.0	Siemens Atellica IM

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC 货号 (Cat. No): IA3111 / IA3112 到期 (Expiry): 2028-08-28								
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
CA 15-3	糖类抗原 15-3 (CA15-3)	U/ml	76.1	60.9	91.3	7.60	15.2	Abbott Alinity i
		U/ml	81.6	65.3	97.9	8.15	16.3	Abbott Architect
CA 15-3	糖类抗原 15-3 (CA15-3)	U/ml	73.3	58.6	88.0	7.35	14.7	Roche Cobas 4000/e41 I
		U/ml	71.6	57.3	85.9	7.15	14.3	Roche Cobas e402/e801
		U/ml	71.3	57.0	85.6	7.15	14.3	Roche Cobas e601/ 602
		U/ml	69.6	55.7	83.5	6.95	13.9	Siemens Atellica IM
CA 19-9	糖类抗原 19-9 (CA19-9)	U/ml	370	296	444	37.0	74.0	Abbott Alinity XR
		U/ml	340	272	408	34.0	68.0	Abbott Architect XR
		U/ml	151	121	181	15.0	30.0	bioMerieux, VIDAS
		U/ml	249	199	299	25.0	50.0	Ortho Vitros 3600/5600/ECi/XT 7600
		U/ml	159	127	191	16.0	32.0	Roche Cobas 4000/e41 I
		U/ml	169	135	203	17.0	34.0	Roche Cobas e402/e801
		U/ml	171	137	205	17.0	34.0	Roche Cobas e601/ 602
		U/ml	217	174	260	21.5	43.0	Siemens Atellica IM
Carbamazepine	卡马西平	µg/ml	17.4	13.9	20.9	1.75	3.50	Abbott Architect (CMIA)
		µmol/l	73.6	58.9	88.3	7.35	14.7	
		µg/ml	16.5	13.2	19.8	1.65	3.30	Roche Cobas 6000/8000
		µmol/l	69.9	55.9	83.9	7.00	14.0	
CEA	癌胚抗原	ng/ml = µg/l	63.2	50.6	75.8	6.30	12.6	Abbott Alinity i
		ng/ml = µg/l	64.2	51.4	77.0	6.40	12.8	Abbott Architect
		ng/ml = µg/l	62.4	49.9	74.9	6.25	12.5	Ortho Vitros 3600/5600/ECi/XT 7600
		ng/ml = µg/l	50.7	40.6	60.8	5.05	10.1	Roche Cobas 4000/e41 I
		ng/ml = µg/l	49.0	39.2	58.8	4.90	9.80	Roche Cobas e402/e801
		ng/ml = µg/l	48.8	39.0	58.6	4.90	9.80	Roche Cobas e601/ 602
		ng/ml = µg/l	61.7	49.4	74.0	6.15	12.3	Siemens Atellica IM

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Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Cortisol	皮质醇	nmol/l	744	558	930	93.0	186	Abbott Alinity i
		µg/dl	26.8	20.1	33.5	3.35	6.70	
		nmol/l	733	550	916	91.5	183	Abbott Architect
		µg/dl	26.4	19.8	33.0	3.30	6.60	
		nmol/l	818	614	1022	102	204	Beckman Dxl 600/800
		µg/dl	29.4	22.1	36.7	3.65	7.30	
		nmol/l	790	593	987	98.5	197	Ortho Vitros 3600/5600/ECi/XT 7600
		µg/dl	28.4	21.3	35.5	3.55	7.10	
Cortisol	皮质醇	nmol/l	849	637	1061	106	212	Roche Cobas 4000/e411
		µg/dl	30.6	23.0	38.2	3.80	7.60	
		nmol/l	814	611	1017	102	203	Roche Cobas e402/e801
		µg/dl	29.3	22.0	36.6	3.65	7.30	
		nmol/l	830	623	1037	104	207	Roche Cobas e402/e801 Gen II
		µg/dl	29.9	22.4	37.4	3.75	7.50	
		nmol/l	825	619	1031	103	206	Roche Cobas e601/ 602
		µg/dl	29.7	22.3	37.1	3.70	7.40	
DHEA-S	脱氢表雄酮硫酸盐(DHEA -S)	nmol/l	849	637	1061	106	212	Roche Cobas e601/602 Gen II
		µg/dl	30.6	23.0	38.2	3.80	7.60	
		nmol/l	919	689	1149	115	230	Siemens Atellica IM
		µg/dl	33.1	24.8	41.4	4.15	8.30	
		nmol/l	704	528	880	88.0	176	Siemens/DPC Immulite 2000/2500
		µg/dl	25.3	19.0	31.6	3.15	6.30	
		µmol/l	21.4	17.1	25.7	2.15	4.30	Abbott Alinity i
		µmol/l	22.1	17.7	26.5	2.20	4.40	Abbott Architect
DHEA-S	脱氢表雄酮硫酸盐(DHEA -S)	µmol/l	26.0	20.8	31.2	2.60	5.20	Roche Cobas 4000/e411
		µmol/l	25.0	20.0	30.0	2.50	5.00	Roche Cobas e402/e801
		µmol/l	24.2	19.4	29.0	2.40	4.80	Roche Cobas e601/ 602
		µmol/l	17.9	14.3	21.5	1.80	3.60	Siemens/DPC Immulite 2000/2500

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包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Digoxin	地高辛	ng/ml	3.50	2.80	4.20	0.350	0.700	Roche Cobas e402/e801
		nmol/l	4.48	3.58	5.38	0.450	0.900	
Ferritin	铁蛋白	ng/ml = µg/l	321	257	385	32.0	64.0	Abbott Architect Chemilum
		ng/ml = µg/l	176	141	211	17.5	35.0	Beckman Dxl 600/800
		ng/ml = µg/l	236	189	283	23.5	47.0	bioMerieux, VIDAS
		ng/ml = µg/l	168	134	202	17.0	34.0	Ortho Vitros 3600/5600/ECi/XT/7600
		ng/ml = µg/l	250	200	300	25.0	50.0	Roche Cobas C303/501/502/503/701/702
		ng/ml = µg/l	284	227	341	28.5	57.0	Roche Cobas e402/e801
		ng/ml = µg/l	313	250	376	31.5	63.0	Roche Elecsys / Cobas e411
		ng/ml = µg/l	287	230	344	28.5	57.0	Roche Modular E170 /Cobas e601/602
Ferritin	铁蛋白	ng/ml = µg/l	201	161	241	20.0	40.0	Siemens Atellica IM
		ng/ml = µg/l	216	173	259	21.5	43.0	Siemens Centaur
Folate	叶酸	ng/ml	9.53	7.24	11.8	1.14	2.27	Abbott Alinity i
		nmol/l	21.6	16.4	26.8	2.60	5.20	
		ng/ml	8.91	6.77	11.1	1.10	2.19	Abbott Architect
		nmol/l	20.2	15.4	25.0	2.40	4.80	
		ng/ml	10.8	8.21	13.4	1.30	2.60	Beckman Dxl 600/800 - A98032
		nmol/l	24.5	18.6	30.4	2.95	5.90	
		ng/ml	6.26	4.76	7.76	0.750	1.50	Ortho Vitros 3600/5600/ECi/XT/7600
		nmol/l	14.2	10.8	17.6	1.70	3.40	
		ng/ml	10.8	8.21	13.4	1.30	2.60	Roche e402/e801
		nmol/l	24.4	18.5	30.3	2.95	5.90	
Folate	叶酸	ng/ml	17.6	13.4	21.8	2.10	4.20	Siemens Atellica IM
		nmol/l	39.8	30.2	49.4	4.80	9.60	
		ng/ml	7.06	5.37	8.75	0.845	1.69	Siemens/DPC Immulite 2000
		nmol/l	16.0	12.2	19.8	1.90	3.80	

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC		货号 (Cat. No): IA3111 / IA3112		到期 (Expiry): 2028-08-28				
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Free T3	游离 T3	ng/dl	1.50	1.13	1.87	0.185	0.370	Abbott Alinity, 2 point cal
		pg/ml	15.0	11.3	18.7	1.85	3.70	Abbott Alinity, 2 点校准
		pmol/l	23.1	17.3	28.9	2.90	5.80	
		ng/dl	1.48	1.11	1.85	0.185	0.370	Abbott Alinity, 6 point cal
		pg/ml	14.8	11.1	18.5	1.85	3.70	Abbott Alinity, 6 点校准
		pmol/l	22.7	17.0	28.4	2.85	5.70	
		ng/dl	1.51	1.13	1.89	0.190	0.380	Abbott Architect, 2 point cal
		pg/ml	15.2	11.4	19.0	1.90	3.80	Abbott Architect, 2 点校准
		pmol/l	23.3	17.5	29.1	2.90	5.80	
		ng/dl	1.41	1.06	1.76	0.175	0.350	Abbott Architect, 6 point cal
		pg/ml	14.1	10.6	17.6	1.75	3.50	Abbott Architect, 6 点校准
		pmol/l	21.7	16.3	27.1	2.70	5.40	
		ng/dl	1.20	0.900	1.50	0.150	0.300	Beckman Access/LXi725
		pg/ml	12.0	9.00	15.0	1.50	3.00	
		pmol/l	18.5	13.9	23.1	2.30	4.60	
ng/dl	0.949	0.712	1.19	0.121	0.241	Beckman Dxl 600/800		
pg/ml	9.50	7.13	11.9	1.20	2.40			
pmol/l	14.6	11.0	18.2	1.80	3.60			
ng/dl	2.28	1.71	2.85	0.285	0.570	Ortho Vitros 3600/5600/ECi/XT 7600		
pg/ml	22.8	17.1	28.5	2.85	5.70			
pmol/l	35.0	26.3	43.7	4.35	8.70			
Free T3	游离 T3	ng/dl	1.61	1.21	2.01	0.200	0.400	Roche Cobas 4000/e411
		pg/ml	16.1	12.1	20.1	2.00	4.00	
		pmol/l	24.8	18.6	31.0	3.10	6.20	
		ng/dl	1.58	1.19	1.97	0.195	0.390	Roche Cobas e402/e801
		pg/ml	15.8	11.9	19.7	1.95	3.90	
		pmol/l	24.3	18.2	30.4	3.05	6.10	

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Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Free T3	游离 T3	ng/dl	1.64	1.23	2.05	0.205	0.410	Roche Cobas e601/ 602
		pg/ml	16.4	12.3	20.5	2.05	4.10	
		pmol/l	25.2	18.9	31.5	3.15	6.30	
		ng/dl	1.36	1.02	1.70	0.170	0.340	Siemens Atellica IM
		pg/ml	13.6	10.2	17.0	1.70	3.40	
		pmol/l	20.9	15.7	26.1	2.60	5.20	
Free T4	游离 T4	ng/dl	3.02	2.27	3.77	0.375	0.750	Abbott Alinity i
		pg/ml	30.2	22.7	37.7	3.75	7.50	
		pmol/l	38.7	29.0	48.4	4.85	9.70	
		ng/dl	3.17	2.38	3.96	0.395	0.790	Abbott Architect
		pg/ml	31.7	23.8	39.6	3.95	7.90	
		pmol/l	40.6	30.5	50.7	5.05	10.1	
		ng/dl	3.32	2.49	4.15	0.415	0.830	Beckman Access/LXi725
		pg/ml	33.2	24.9	41.5	4.15	8.30	
		pmol/l	42.6	32.0	53.2	5.30	10.6	
		ng/dl	3.71	2.78	4.64	0.465	0.930	Beckman Dxl 600/800
		pg/ml	37.1	27.8	46.4	4.65	9.30	
		pmol/l	47.6	35.7	59.5	5.95	11.9	
		ng/dl	7.00	5.25	8.75	0.875	1.75	Ortho Vitros 3600/5600/ECi/XT/7600
		pg/ml	70.0	52.5	87.5	8.75	17.5	
		pmol/l	89.7	67.3	112	11.2	22.3	
		ng/dl	4.20	3.15	5.25	0.525	1.05	Roche Cobas 4000/e411
		pg/ml	42.0	31.5	52.5	5.25	10.5	
		pmol/l	53.8	40.4	67.2	6.70	13.4	
ng/dl	4.38	3.29	5.47	0.545	1.09	Roche Cobas e402/e801		
pg/ml	43.8	32.9	54.7	5.45	10.9			
pmol/l	56.2	42.2	70.2	7.00	14.0			

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包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Free T4	游离 T4	ng/dl	4.23	3.17	5.29	0.530	1.06	Roche Cobas e601/ 602
		pg/ml	42.3	31.7	52.9	5.30	10.6	
		pmol/l	54.2	40.7	67.7	6.75	13.5	
		ng/dl	3.37	2.53	4.21	0.420	0.840	Siemens Atellica IM
		pg/ml	33.7	25.3	42.1	4.20	8.40	
		pmol/l	43.2	32.4	54.0	5.40	10.8	
		ng/dl	3.17	2.38	3.96	0.395	0.790	Siemens Centaur
		pg/ml	31.7	23.8	39.6	3.95	7.90	
		pmol/l	40.7	30.5	50.9	5.10	10.2	
FSH	卵泡刺激素	mU/ml	53.0	42.4	63.6	5.30	10.6	Abbott Alinity i
		mU/ml	54.1	43.3	64.9	5.40	10.8	Abbott Architect
		mU/ml	63.1	50.5	75.7	6.30	12.6	Beckman Dxl 600/800
		mU/ml	69.2	55.4	83.0	6.90	13.8	bioMerieux, VIDAS
		mU/ml	58.5	46.8	70.2	5.85	11.7	Roche Cobas 4000/e411
		mU/ml	55.5	44.4	66.6	5.55	11.1	Roche Cobas e402/e801
		mU/ml	54.7	43.8	65.6	5.45	10.9	Roche Cobas e601/602
		mU/ml	76.1	60.9	91.3	7.60	15.2	Siemens Atellica IM
		mU/ml	59.5	47.6	71.4	5.95	11.9	Siemens/DPC Immulite 2000/2500
Growth Hormone (GH)	生长激素	ng/ml	14.4	11.5	17.3	1.45	2.90	DiaSorin Liaison XL
		μU/ml	43.1	34.5	51.7	4.30	8.60	
		ng/ml	15.0	12.0	18.0	1.50	3.00	Roche Cobas e402/e801
		μU/ml	45.0	36.0	54.0	4.50	9.00	
		ng/ml	15.2	12.2	18.2	1.50	3.00	Siemens/DPC Immulite 2000/2500
		μU/ml	45.5	36.4	54.6	4.55	9.10	
Immunoglobulin E	免疫球蛋白E (IgE)	KIU/l = IU/ml	413	330	496	41.5	83.0	Abbott Architect
		KIU/l = IU/ml	492	394	590	49.0	98.0	bioMerieux, VIDAS
		KIU/l = IU/ml	521	417	625	52.0	104	Roche Cobas 4000/e411
		KIU/l = IU/ml	487	390	584	48.5	97.0	Roche Cobas e402/e801
		KIU/l = IU/ml	493	394	592	49.5	99.0	Roche Cobas e601/ 602
		KIU/l = IU/ml	533	426	640	53.5	107	Siemens Atellica IM

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC		货号 (Cat. No): IA3111 / IA3112		到期 (Expiry): 2028-08-28				
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Insulin	胰岛素	mU/l	16.7	12.5	20.9	2.10	4.20	Abbott Alinity i
		μU/ml	16.7	12.5	20.9	2.10	4.20	
Insulin	胰岛素	mU/l	17.4	13.1	21.7	2.15	4.30	Abbott Architect
		μU/ml	17.4	13.1	21.7	2.15	4.30	
		mU/l	24.9	18.7	31.1	3.10	6.20	Roche Cobas 4000/e41 I
		μU/ml	24.9	18.7	31.1	3.10	6.20	
		mU/l	25.7	19.3	32.1	3.20	6.40	Roche Cobas 6000/8000
		μU/ml	25.7	19.3	32.1	3.20	6.40	
Luteinising Hormone (LH)	促黄体生成素	mU/ml	23.2	17.4	29.0	2.90	5.80	Siemens Atellica IM
		μU/ml	23.2	17.4	29.0	2.90	5.80	
		mU/ml	40.4	32.3	48.5	4.05	8.10	Abbott Alinity i
		mU/ml	40.6	32.5	48.7	4.05	8.10	Abbott Architect
		mU/ml	41.5	33.2	49.8	4.15	8.30	Beckman Dxl 600/800
		mU/ml	51.1	40.9	61.3	5.10	10.2	bioMerieux, VIDAS
Oestradiol	雌二醇	mU/ml	54.5	43.6	65.4	5.45	10.9	Roche Cobas 4000/e41 I
		mU/ml	52.3	41.8	62.8	5.25	10.5	Roche Cobas e402/e801
		mU/ml	54.1	43.3	64.9	5.40	10.8	Roche Cobas e601/ 602
		mU/ml	50.9	40.7	61.1	5.10	10.2	Siemens Atellica IM
		pg/ml	345	276	414	34.5	69.0	Abbott Alinity i
		pmol/l	1269	1015	1523	127	254	
		pg/ml	354	283	425	35.5	71.0	Abbott Architect
		pmol/l	1300	1040	1560	130	260	
Oestradiol	雌二醇	pg/ml	923	738	1108	92.5	185	bioMerieux, VIDAS
		pmol/l	3392	2714	4070	339	678	
		pg/ml	402	322	482	40.0	80.0	Roche Cobas 4000/e41 I (Estradiol III)
		pmol/l	1478	1182	1774	148	296	
		pg/ml	434	347	521	43.5	87.0	Roche Cobas e402/e801 (Estradiol III)
		pmol/l	1594	1275	1913	160	319	
		pg/ml	420	336	504	42.0	84.0	Roche Cobas e601/ 602 (Estradiol III)
pmol/l	1543	1234	1852	155	309			

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC		货号 (Cat. No): IA3111 / IA3112		到期 (Expiry): 2028-08-28				
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Oestradiol	雌二醇	pg/ml	795	636	954	79.5	159	Siemens Atellica IM
		pmol/l	2921	2337	3505	292	584	
Phenobarbital	苯巴比妥	µg/ml	26.2	21.0	31.4	2.60	5.20	Beckman AU Instruments
		µmol/l	113	90.4	136	11.5	23.0	
		µg/ml	27.1	21.7	32.5	2.70	5.40	Roche Cobas C303/501/502/503/701
		µmol/l	117	93.6	140	11.5	23.0	
		µg/ml	26.7	21.4	32.0	2.65	5.30	Siemens/DPC Immulite 2000/2500
		µmol/l	115	92.0	138	11.5	23.0	
Phenytoin	苯妥英	µg/ml	22.9	18.3	27.5	2.30	4.60	Roche Cobas 6000/8000
		µmol/l	90.8	72.6	109	9.10	18.2	
Progesterone	孕酮	ng/ml	23.9	19.1	28.7	2.40	4.80	Abbott Alinity i
		nmol/l	76.4	61.1	91.7	7.65	15.3	
		ng/ml	25.3	20.2	30.4	2.55	5.10	Abbott Architect
		nmol/l	80.8	64.6	97.0	8.10	16.2	
		ng/ml	28.3	22.6	34.0	2.85	5.70	Roche Cobas 4000/e411 (Prog. III)
		nmol/l	90.5	72.4	109	9.25	18.5	
		ng/ml	28.5	22.8	34.2	2.85	5.70	Roche Cobas e402/e801 (Prog III)
		nmol/l	91.2	73.0	109	8.90	17.8	
		ng/ml	29.1	23.3	34.9	2.90	5.80	Roche Cobas e601/ 602 (Prog. III)
		nmol/l	93.0	74.4	112	9.50	19.0	
ng/ml	21.7	17.4	26.0	2.15	4.30	Siemens Atellica IM		
nmol/l	69.3	55.4	83.2	6.95	13.9			
ng/ml	20.8	16.6	25.0	2.10	4.20	Siemens/DPC Immulite 2000/2500		
nmol/l	66.3	53.0	79.6	6.65	13.3			

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC 货号 (Cat. No): IA3111 / IA3112 到期 (Expiry): 2028-08-28								
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Prolactin	泌乳刺激素	μIU/mL	1082	866	1298	108	216	Abbott Alinity i
		μIU/mL	1043	834	1252	105	209	Abbott Architect
		μIU/mL	771	617	925	77.0	154	Beckman Dxl 600/800
		μIU/mL	1127	902	1352	113	225	bioMerieux, VIDAS
		μIU/mL	1106	885	1327	111	221	Roche Cobas 4000/e411
		μIU/mL	1051	841	1261	105	210	Roche Cobas e402/e801 PRL II
		μIU/mL	1077	862	1292	108	215	Roche Cobas e601/ 602
		μIU/mL	654	523	785	65.5	131	Siemens Atellica IM
PSA Free	游离前列腺特异抗原 (fPSA)	ng/ml = μg/l	19.4	14.6	24.2	2.40	4.80	Abbott Alinity i
		ng/ml = μg/l	18.7	14.0	23.4	2.35	4.70	Abbott Architect
		ng/ml = μg/l	15.4	11.6	19.2	1.90	3.80	Roche Cobas 4000/e411
		ng/ml = μg/l	14.4	10.8	18.0	1.80	3.60	Roche Cobas e402/e801
		ng/ml = μg/l	15.1	11.3	18.9	1.90	3.80	Roche Cobas e601/602
		ng/ml = μg/l	18.7	14.0	23.4	2.35	4.70	Siemens Atellica IM
PSA Total	总前列腺特异抗原 (tPSA)	ng/ml = μg/l	14.8	11.1	18.5	1.85	3.70	Abbott Alinity i
		ng/ml = μg/l	15.1	11.3	18.9	1.90	3.80	Abbott Architect
PSA Total	总前列腺特异抗原 (tPSA)	ng/ml = μg/l	23.3	17.5	29.1	2.90	5.80	Beckman Access standardised to Hybritech Beckman Access 标准化到Hybritech
		ng/ml = μg/l	18.1	13.6	22.6	2.25	4.50	Beckman DXI standard to WHO IRP96/670 Beckman DXI 标准化到WHO IRP96/670
		ng/ml = μg/l	19.9	14.9	24.9	2.50	5.00	Ortho Vitros 3600/5600/ECi PSA II/XT7600
		ng/ml = μg/l	21.8	16.4	27.2	2.70	5.40	Roche Cobas 4000/e411
		ng/ml = μg/l	19.9	14.9	24.9	2.50	5.00	Roche Cobas e402/e801
		ng/ml = μg/l	20.3	15.2	25.4	2.55	5.10	Roche Cobas e601/602
		ng/ml = μg/l	19.1	14.3	23.9	2.40	4.80	Siemens Atellica IM
		ng/ml = μg/l	19.1	14.3	23.9	2.40	4.80	Siemens Centaur

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC 货号 (Cat. No): IA3111 / IA3112 到期 (Expiry): 2028-08-28								
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
SHBG	性激素结合球蛋白 (SHBG)	nmol/l	37.1	29.7	44.5	3.70	7.40	Abbott Alinity i
		nmol/l	38.9	31.1	46.7	3.90	7.80	Abbott Architect
		nmol/l	35.0	28.0	42.0	3.50	7.00	Roche analysers
		nmol/l	34.6	27.7	41.5	3.45	6.90	Roche e402/e801
		nmol/l	35.7	28.6	42.8	3.55	7.10	Siemens Atellica IM
		nmol/l	32.5	26.0	39.0	3.25	6.50	Siemens/DPC Immulite 2000/2500
Testosterone	睾酮	ng/dl	749	599	899	75.0	150	Abbott Alinity i
		ng/ml	7.49	5.99	8.99	0.750	1.50	
		nmol/l	26.0	20.8	31.2	2.60	5.20	
		ng/dl	706	565	847	70.5	141	Abbott Architect
		ng/ml	7.06	5.65	8.47	0.705	1.41	
		nmol/l	24.5	19.6	29.4	2.45	4.90	
		ng/dl	720	576	864	72.0	144	Abbott Architect 2nd gen
		ng/ml	7.20	5.76	8.64	0.720	1.44	Abbott Architect 第2代
		nmol/l	25.0	20.0	30.0	2.50	5.00	
	睾酮	ng/dl	637	510	764	63.5	127	Beckman Dxl 600/800
		ng/ml	6.36	5.09	7.63	0.635	1.27	
		nmol/l	22.1	17.7	26.5	2.20	4.40	
		ng/dl	634	507	761	63.5	127	bioMerieux VIDAS Testosterone II
		ng/ml	6.34	5.07	7.61	0.635	1.27	
		nmol/l	22.0	17.6	26.4	2.20	4.40	
		ng/dl	752	602	902	75.0	150	Roche Cobas 4000/e411 Test II
		ng/ml	7.52	6.02	9.02	0.750	1.50	
		nmol/l	26.1	20.9	31.3	2.60	5.20	
	ng/dl	758	606	910	76.0	152	Roche Cobas e402/e801 Test II	
	ng/ml	7.57	6.06	9.08	0.755	1.51		
	nmol/l	26.3	21.0	31.6	2.65	5.30		

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC		货号 (Cat. No): IA3111 / IA3112		到期 (Expiry): 2028-08-28				
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Testosterone	睾酮	ng/dl	769	615	923	77.0	154	Roche Cobas e601/ 602 Test II
		ng/ml	7.69	6.15	9.23	0.770	1.54	
		nmol/l	26.7	21.4	32.0	2.65	5.30	
		ng/dl	599	479	719	60.0	120	Siemens Atellica IM
		ng/ml	5.99	4.79	7.19	0.600	1.20	
		nmol/l	20.8	16.6	25.0	2.10	4.20	
		ng/dl	879	703	1055	88.0	176	Siemens/DPC Immulite 2000/2500
Thyroglobulin	甲状腺球蛋白	ng/ml	69.4	52.1	86.7	8.65	17.3	Abbott Alinity i
		ng/ml	60.5	45.4	75.6	7.55	15.1	Roche Cobas e402/e801 Tg II
		ng/ml	35.9	26.9	44.9	4.50	9.00	Siemens/DPC Immulite 2000/2500
Thyroid Stimulating Hormone	促甲状腺激素	μU/ml	16.0	12.8	19.2	1.60	3.20	Abbott Alinity i
		μU/ml = mIU/l	16.8	13.4	20.2	1.70	3.40	Abbott Architect
		μU/ml = mIU/l	18.2	14.6	21.8	1.80	3.60	Beckman DXI600/800/ Access 2 (3rd IS)
		μU/ml = mIU/l	20.5	16.4	24.6	2.05	4.10	Ortho Vitros TSH3
		μU/ml = mIU/l	19.2	15.4	23.0	1.90	3.80	Roche Cobas 4000/e41 I
		μU/ml = mIU/l	17.8	14.2	21.4	1.80	3.60	Roche Cobas e402/e801
		μU/ml = mIU/l	19.3	15.4	23.2	1.95	3.90	Roche Cobas e601/ 602
Thyroid Stimulating Hormone	促甲状腺激素	μU/ml = mIU/l	19.1	15.3	22.9	1.90	3.80	Siemens Atellica IM
		μU/ml = mIU/l	20.4	16.3	24.5	2.05	4.10	Siemens Centaur TSH3-Ultra
Total Beta hCG	总β人绒毛膜促性腺激素	IU/ml	0.194	0.155	0.233	0.020	0.039	Abbott Alinity i
		mIU/ml = IU/l	194	155	233	19.5	39.0	
		IU/ml	0.189	0.151	0.227	0.019	0.038	Abbott Architect
		mIU/ml = IU/l	189	151	227	19.0	38.0	
		IU/ml	0.450	0.360	0.540	0.045	0.090	bioMerieux, VIDAS
		mIU/ml = IU/l	450	360	540	45.0	90.0	
Total Beta hCG	总β人绒毛膜促性腺激素	IU/ml	0.421	0.337	0.505	0.042	0.084	Ortho Vitros 3600/5600/ECi/XT 7600
		mIU/ml = IU/l	421	337	505	42.0	84.0	

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)								
批号 (Lot. No): 268IEC		货号 (Cat. No): IA3111 / IA3112		到期 (Expiry): 2028-08-28						
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围						
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法		
Total Beta hCG	总β人绒毛膜促性腺激素	IU/ml	0.231	0.185	0.277	0.023	0.046	Roche hCG + Beta e402/e801		
		mU/ml = IU/l	231	185	277	23.0	46.0			
		IU/ml	0.234	0.187	0.281	0.024	0.047	Roche hCG+Beta		
		mU/ml = IU/l	234	187	281	23.5	47.0			
		IU/ml	0.153	0.122	0.184	0.016	0.031	Siemens Atellica IM		
		mU/ml = IU/l	153	122	184	15.5	31.0			
		IU/ml	0.157	0.126	0.188	0.016	0.031	Siemens Centaur		
		mU/ml = IU/l	157	126	188	15.5	31.0			
Total T3	总 T3	ng/dl	301	226	376	37.5	75.0	Abbott Alinity i		
		ng/ml	3.02	2.27	3.77	0.375	0.750			
		nmol/l	4.64	3.48	5.80	0.580	1.16			
		ng/dl	305	229	381	38.0	76.0	Abbott Architect		
		ng/ml	3.05	2.29	3.81	0.380	0.760			
		nmol/l	4.69	3.52	5.86	0.585	1.17			
		ng/dl	397	298	496	49.5	99.0	Roche Cobas 4000/e411		
		ng/ml	3.98	2.99	4.97	0.495	0.990			
		nmol/l	6.12	4.59	7.65	0.765	1.53			
		Total T3	总 T3	ng/dl	395	296	494	49.5	99.0	Roche Cobas e402/e801
				ng/ml	3.96	2.97	4.95	0.495	0.990	
				nmol/l	6.08	4.56	7.60	0.760	1.52	
ng/dl	401			301	501	50.0	100	Siemens Atellica IM		
ng/ml	4.02			3.02	5.02	0.500	1.00			
nmol/l	6.18			4.64	7.72	0.770	1.54			

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC		货号 (Cat. No): IA3111 / IA3112		到期 (Expiry): 2028-08-28				
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Total T4	总 T4	ng/ml	131	98.3	164	16.5	33.0	Abbott Alinity i
		nmol/l	168	126	210	21.0	42.0	
		µg/dl	13.1	9.83	16.4	1.65	3.30	
		ng/ml	129	96.8	161	16.0	32.0	Abbott Architect
		nmol/l	166	125	207	20.5	41.0	
		µg/dl	12.9	9.68	16.1	1.60	3.20	
		ng/ml	142	107	177	17.5	35.0	Ortho Vitros 3600/5600/ECi/XT 7600
		nmol/l	182	137	227	22.5	45.0	
		µg/dl	14.2	10.7	17.7	1.75	3.50	
		ng/ml	126	94.5	158	16.0	32.0	Roche Cobas 4000/e411
		nmol/l	162	122	202	20.0	40.0	
		µg/dl	12.6	9.45	15.8	1.60	3.20	
		ng/ml	115	86.3	144	14.5	29.0	Roche Cobas e402/e801
		nmol/l	147	110	184	18.5	37.0	
		µg/dl	11.5	8.63	14.4	1.45	2.90	
		ng/ml	128	96.0	160	16.0	32.0	Roche Cobas e601/ 602
		nmol/l	164	123	205	20.5	41.0	
		µg/dl	12.8	9.60	16.0	1.60	3.20	
		ng/ml	144	108	180	18.0	36.0	Siemens Atellica IM
		nmol/l	185	139	231	23.0	46.0	
		µg/dl	14.4	10.8	18.0	1.80	3.60	
		ng/ml	133	99.8	166	16.5	33.0	Siemens/DPC Immulite 2000/2500
		nmol/l	171	128	214	21.5	43.0	
		µg/dl	13.3	9.98	16.6	1.65	3.30	

Method 所有仪器均值		IMMUNOASSAY PREMIUM PLUS LEVEL 3 (IA PREMIUM PLUS 3) 免疫质控品 (水平3)						
批号 (Lot. No): 268IEC		货号 (Cat. No): IA3111 / IA3112		到期 (Expiry): 2028-08-28				
包装规格 (Size): 12 x 5 ml / 4 x 5 ml		Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	Method 方法
Valproic Acid	丙戊酸	µg/ml	147	118	176	14.5	29.0	Abbott Architect (CMIA)
		µmol/l	1022	818	1226	102	204	
		µg/ml	144	115	173	14.5	29.0	Roche Cobas 6000/8000
		µmol/l	996	797	1195	99.5	199	
Vancomycin	万古霉素	µg/ml	16.8	13.4	20.2	1.70	3.40	Abbott Architect (CMIA)
		µmol/l	11.3	9.04	13.6	1.15	2.30	
		µg/ml	15.3	12.2	18.4	1.55	3.10	Roche Cobas 6000/8000
		µmol/l	10.3	8.24	12.4	1.05	2.10	
Vitamin B12	维生素 B12	pg/ml	530	424	636	53.0	106	Abbott Alinity i
		pmol/l	391	313	469	39.0	78.0	
		pg/ml	656	525	787	65.5	131	Abbott Architect
		pmol/l	484	387	581	48.5	97.0	
		pg/ml	581	465	697	58.0	116	Beckman Dxl 600/800
		pmol/l	429	343	515	43.0	86.0	
		pg/ml	763	610	916	76.5	153	Ortho Vitros 3600/5600/ECi/XT 7600
		pmol/l	563	450	676	56.5	113	
		pg/ml	827	662	992	82.5	165	Roche Cobas 4000/e411 Gen II
		pmol/l	610	488	732	61.0	122	
		pg/ml	766	613	919	76.5	153	Roche Cobas e402/e801 Gen II
		pmol/l	565	452	678	56.5	113	
pg/ml	799	639	959	80.0	160	Roche Cobas e601/ 602 Gen II		
pmol/l	590	472	708	59.0	118			
pg/ml	897	718	1076	89.5	179	Siemens Atellica IM lot 13290		
pmol/l	662	530	794	66.0	132			
pg/ml	745	596	894	74.5	149	Siemens/DPC Immulite 2000		
pmol/l	550	440	660	55.0	110			