

Lyphocheck Immunoassay Plus Control Levels 1, 2 and 3

REF

370 Trilevel 12 x 5 mL
371 Level 1 12 x 5 mL
372 Level 2 12 x 5 mL
373 Level 3 12 x 5 mL
370X MiniPak 3 x 5 mL

CE 0459

IVD

EXP 2026-08-31

LOT 40450

Level 1 40451
Level 2 40452
Level 3 40453



<https://www.myeinserts.com/40450>

预期用途

Lyphocheck Immunoassay Plus Control 是一种定值质控血清，用于监测本包装说明书所列分析物实验室检测程序的精密度。

概述与原理

质控品材料用于客观地评估所用方法和技术的精确度，也是优良实验室规范不可或缺的一部分。有多个水平的质控品可供监测检测系统的可靠性。

对于德国客户：需要质控材料以评估实验室分析性能，如“德国医学实验室检查质量保证指南”（Rili-BAK 规定）所述。

试剂

本产品由人血清制备，其中添加了化学品、人源和动物源成分、治疗药物和稳定剂。为增加稳定性，本产品以冻干形式提供。

贮存和稳定性

在 2 至 8° C 下未开封贮存时，本产品将在有效期内保持稳定。

复溶和冷藏： 复溶后，在 2 至 8° C 下盖紧瓶盖贮存时，本产品的稳定期如下：

- 所有分析物：7 天

例外情况：

- 叶酸 和 前列腺特异性抗原（总）：3 天在 2 至 8° C 下

- C-肽：1 天在 2 至 8° C 下

- 促肾上腺皮质激素（ACTH）、降钙素、胃泌素 和 前列腺特异性抗原（游离）：复溶后，立即按照“检测步骤”章节中的说明执行检测。

复溶和冷冻： 复溶后，在 -20 至 -70° C 下盖紧瓶盖贮存时，本产品的稳定期如下：

- 所有分析物：20 天

例外情况：

- 促肾上腺皮质激素（ACTH）、醛固酮、降钙素 和 C-肽：未提供冷冻稳定性。

解冻后，请勿重新冷冻本产品。丢弃剩余材料。

本产品在 常温 的条件下装运。

使用程序

本产品应视同患者样本处理，并根据所使用仪器、试剂盒或试剂的随附使用说明进行操作。

使用容量吸管或等效器械，向各小瓶加 5.0 mL 蒸馏水或去离子水进行复溶。盖回瓶盖，静置本产品约 15 分钟，不时摇晃。

取样前，让本产品达到室温（18 至 25° C）。轻轻摇晃质控品瓶数次以确保混合均匀。每次使用后，请立即盖回瓶盖并放回

2 至 8° C 下贮存。

根据您当地的废弃物管理机构的要求处理任何丢弃的材料。如果包装损坏，请联系您当地的 Bio-Rad Laboratories 销售办事处或 Bio-Rad Laboratories 技术服务部。

限制

1. 超过有效期后，请勿使用本产品。
2. 如果复溶后的产品有微生物污染或过度浑浊迹象，请将瓶丢弃。
3. 本产品不用作标准品。

警告



生物源材料，请视为可能具有传染性的材料进行处理。

用于生产本产品的每个人类供体单元均按照 FDA 认可的方法要求进行了检测。对于由人类免疫缺陷病毒（HIV）、乙型肝炎病毒（HBV）和丙型肝炎病毒（HCV）所引起的感染的证据，检测结果为无反应或阴性。本产品可能也包含其他人源材料，但对该材料尚无认可的检测。根据优良实验室规范，所有人源材料均应视为可能具有传染性，在处理时应遵循处理患者样本时的注意事项。

专业使用者可通过 www.bio-rad.com 获取安全数据表（SDS）。

特定性能特征

本产品是根据严格的质控标准生产的冻干产品。要获得一致的检测值，需要按所述方法妥善贮存和处理质控品。

赋值

赋值数据表（单独提供）中提供的平均值和相应的 $\pm 3SD$ 范围通过重复检测得出，并特别针对此批次产品。在确定某些范围时，使用了来自 Unity 实验室间比对计划的数据。所列检测均由生产厂家和/或独立实验室使用生产厂家支持的试剂以及此批次产品的代表性抽样进行检测。建议每个实验室确立自己的可接受范围，提供的数值仅作参考。在本质控品的有效期内，实验室确立的范围可能不同于所列范围。[德国客户必须遵守 Rili-BAK 规定中所述的要求。] 实验室所用技术、仪器和试剂的不同，或生产厂家检测方法的改变，均可导致质控结果随时间和实验室的不同而出现变化。

Unity 实验室间比对计划是伯乐专有的一个软件程序，拥有数千家实验室的二十多亿个质控数据点。

获取数据表的说明

数据表可通过访问互联网网址 www.myeinserts.com/40450 获取。根据网站上的指示接收说明书更新的电子邮件通知。还可联系您当地的 Bio-Rad Laboratories 办事处了解接收数据表的其他方法。

分析物

11-脱氧皮质醇	免疫球蛋白 E (IgE)	普里米酮	脱氢表雄酮 (硫酸盐)
17- α -羟孕酮	免疫球蛋白 G (IgG) ◆	普鲁卡因胺	苯妥英
25-羟基维生素 D ◆	免疫球蛋白 M (IgM) ◆	果糖胺 ◆○	苯妥英 (游离) ○
C-肽	利多卡因	氟卡尼 ○	苯巴比妥
N-乙酰普鲁卡因胺 (NAPA)	前列腺特异性抗原 (总)	氯霉素 ○	茶碱
T3 (总)	前列腺特异性抗原 (游离)	水杨酸盐	血管紧张素 I ◆□
T3 (游离)	前列腺酸性磷酸 (PAP)	泌乳刺激素	达舒平 ○
T3 摄取率/甲状腺素摄取率	卡马西平	环孢霉素 □	醛固酮
T4 (总)	卡马西平 (游离) ○	甲状旁腺素 (全段) □	铁 ◆
T4 (游离)	卵泡刺激素	甲状腺球蛋白 (Tg) ◆	铁 (TIBC) ◆
万古霉素	去甲替林 ○	甲状腺素结合球蛋白 (TBG) ◆	铁蛋白
三环抗抑郁剂 (TCA) ○	叶酸	甲胎蛋白 (AFP)	锂
丙咪嗪 ○	咖啡因	癌胚抗原	阿米卡星
丙戊酸	地昔帕明 ○	皮质醇	阿米替林 ○
丙戊酸 (游离) ○	地高辛	睾酮	降钙素
乙琥胺	奈替米星 □	睾酮 (游离)	雄烯二酮
人生长激素 (hGH)	奎尼丁	维生素 B12	雌三醇 (总) □
人绒毛膜促性腺激素	妥布霉素	胃泌素	雌三醇 (游离)
人绒毛膜促性腺激素 β 亚基	对乙酰氨基酚	胰岛素	雌二醇
促甲状腺激素 (TSH)	庆大霉素	胰岛素样生长因子 1/促生长因子 C ◆	雌激素 (总) ○
促肾上腺皮质激素 (ACTH)	性激素结合球蛋白 □	胰高血糖素 □	黄体酮
促黄体生成素 (LH)	抗甲状腺球蛋白抗体 □	胺碘酮 □	
免疫反应性胰蛋白酶原 (IRT) □	抗甲状腺过氧化物酶抗体 □	脱氢表雄酮 (DHEA) □	
免疫球蛋白 A (IgA) ◆	普萘洛尔 ○		

注释

- ◆ 仅提供内源性水平。
- 本分析物无期望值或稳定性声明。
- 未提供数值。

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10/22

修订日期 2024-12-04 ➔ 显示修改后的信息

方法 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
11-脱氧皮质醇 (2)							
DIAsource RIA CT	ng/mL	0.454	0.318 – 0.590	3.00	2.10 – 3.90	3.56	2.49 – 4.62
17-A-羟孕酮 (2)							
Beckman Coulter RIA (IM1452)	ng/mL	0.580	0.400 – 0.750	1.77	1.24 – 2.31	4.86	3.40 – 6.32
Calbiotech ELISA	ng/mL	▲		▲		▲	
Diagnostics Biochem Canada ELISA	ng/mL	▲		▲		▲	
DiaMetra ELISA	ng/mL	<0.260		1.44	0.880 – 2.00	5.24	3.67 – 6.81
DIAsource RIA CT	ng/mL	0.723	0.506 – 0.940	2.63	1.84 – 3.42	4.82	3.38 – 6.27
DRG ELISA (EIA-1292)	ng/mL	0.630	0.350 – 0.910	2.47	1.36 – 3.58	7.38	4.06 – 10.7
IBL ELISA	ng/mL	0.610	0.210 – 1.01	2.42	1.33 – 3.51	7.53	4.14 – 10.9
Monobind AccuBind ELISA	ng/mL	0.840	0.520 – 1.16	4.20	2.81 – 5.58	8.69	5.82 – >10.0
Monobind AccuBind ELISA 17-OHP-SI	ng/mL	0.450	0.300 – 0.600	2.07	1.39 – 2.75	4.53	3.04 – 6.03
Monobind AccuLite CLIA	ng/mL	0.860	0.580 – 1.15	3.99	2.67 – 5.30	8.89	5.96 – >10.0
Monobind AccuLite CLIA 17-OHP-SI	ng/mL	0.400	0.270 – 0.530	1.83	1.23 – 2.44	4.23	2.84 – 5.63
C-肽 (2)							
Beckman Coulter IRMA (IM3639)	ng/mL	1.21	0.907 – 1.51	5.88	4.41 – 7.35	8.33	6.25 – 10.4
Calbiotech ELISA	ng/mL	▲		▲		▲	
DIAsource C-PEP II RIA CT	ng/mL	0.928	0.649 – 1.21	4.41	3.09 – 5.74	6.04	4.83 – 7.24
DRG ELISA (EIA-1293)	ng/mL	0.740	0.410 – 1.08	3.76	2.07 – 5.45	5.34	2.94 – 7.74
IBL ELISA	ng/mL	§		§		§	
Institute of Isotopes IRMA	ng/mL	1.36	0.950 – 1.77	7.55	6.04 – 9.06	11.3	9.00 – 13.5
Monobind AccuBind ELISA	ng/mL	0.800	0.540 – 1.06	3.81	2.55 – 5.06	5.60	3.75 – 7.45
Monobind AccuLite CLIA	ng/mL	0.770	0.520 – 1.03	3.84	2.57 – 5.11	5.50	3.68 – 7.31
T3 (游离) (2)							
Beckman Coulter RIA (IM1579)	pg/mL	3.19	2.23 – 4.14	9.55	6.69 – 12.3	19.9	12.9 – 26.9
BRAHMS Diagnostica RIA SPART	pg/mL	4.03	3.31 – 4.74	15.1	13.1 – 17.2	31.9	27.1 – 36.8
Calbiotech ELISA	pg/mL	▲		▲		▲	
Demeditec Diagnostics RIA/CT (DE 06100)	pg/mL	▲		▲		▲	
DiaMetra ELISA	pg/mL	2.71	1.90 – 3.53	4.88	3.42 – 6.34	7.28	5.10 – 9.47
DRG International, Inc.	pg/mL	4.84	2.66 – 7.02	11.3	6.22 – 16.4	18.8	10.4 – >20.0
Fortress Diagnostics	pg/mL	2.11	1.79 – 2.43	3.54	3.01 – 4.07	6.12	5.20 – 7.04
HUMAN ELISA	pg/mL	2.76	1.85 – 3.68	5.09	3.41 – 6.78	7.33	4.91 – 9.75
IBL ELISA	pg/mL	2.71	1.90 – 3.53	4.88	3.42 – 6.34	7.28	5.10 – 9.47
Monobind AccuBind ELISA	pg/mL	2.76	1.85 – 3.68	5.09	3.41 – 6.78	7.33	4.91 – 9.75
Monobind AccuLite CLIA	pg/mL	2.47	1.65 – 3.29	4.90	3.28 – 6.51	7.13	4.78 – 9.48
T3 (总) (2)							
Beckman Coulter RIA (IM1699)	ng/dL	81.2	60.4 – 101	173	130 – 216	241	169 – 314
BRAHMS Diagnostica RIA	ng/dL	81.2	58.4 – 102	173	130 – 216	241	169 – 313
Calbiotech ELISA	ng/dL	▲		▲		▲	
DIALAB T3	ng/mL	0.900	0.480 – 1.32	1.75	1.17 – 2.33	2.70	1.97 – 3.43
DiaMetra ELISA	ng/mL	1.13	0.790 – 1.47	2.38	1.66 – 3.09	3.78	2.64 – 4.92
DIAsource RIA CT	ng/dL	53.4	37.3 – 69.4	127	91.6 – 164	199	155 – 244
DRG ELISA (EIA-4569)	ng/dL	126	69.0 – 183	244	134 – 354	385	212 – 558
Fortress Diagnostics	ng/mL	1.15	0.980 – 1.32	2.69	2.29 – 3.09	4.06	3.45 – 4.67
HUMAN ELISA	ng/dL	108	72.0 – 143	262	176 – 348	405	271 – 539
Institute of Isotopes RIA	ng/dL	108	70.1 – 146	183	138 – 229	240	192 – 288
Monobind AccuBind ELISA	ng/mL	1.08	0.720 – 1.43	2.62	1.76 – 3.48	4.05	2.71 – 5.39
Monobind AccuLite CLIA	ng/mL	1.14	0.770 – 1.52	2.52	1.69 – 3.35	4.10	2.75 – 5.45
T3 摄取率/甲状腺素摄取率 (2)							
Beckman Coulter RIA (A30282)	% Uptake	31.7	22.2 – 41.2	34.7	24.3 – 45.1	37.7	26.4 – 49.0
Monobind AccuBind ELISA	% Uptake	31.2	28.9 – 33.6	36.8	34.3 – 39.2	44.3	40.7 – 48.0
Monobind AccuLite CLIA	% Uptake	30.7	28.3 – 33.0	36.5	33.9 – 39.1	44.6	42.1 – 47.1
T4 (游离) (2)							
Beckman Coulter RIA (IM1363)	pg/mL	10.1	7.57 – 12.6	17.1	12.8 – 21.3	27.2	20.4 – 34.0

方法 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
T4（游离）（2）（续）							
BRAHMS Diagnostica RIA	pg/mL	10.2	7.21 – 13.3	26.7	20.9 – 32.5	55.9	48.6 – 63.2
Calbiotech ELISA	ng/dL	▲		▲		▲	
Demeditec Diagnostics RIA/CT (DE 07100)	ng/dL	§		§		§	
DIALAB FT4	ng/dL	0.800	0.680 – 0.930	1.75	1.49 – 2.00	2.38	1.76 – 2.99
DiaMetra ELISA	ng/dL	0.960	0.670 – 1.25	1.83	1.28 – 2.38	2.60	1.82 – 3.38
Fortress Diagnostics	ng/dL	0.870	0.740 – 1.00	2.11	1.79 – 2.43	2.99	2.54 – 3.44
HUMAN ELISA	ng/dL	0.830	0.560 – 1.11	2.03	1.36 – 2.71	2.92	1.96 – 3.89
IBL ELISA	ng/dL	0.960	0.670 – 1.25	1.83	1.28 – 2.38	2.60	1.82 – 3.38
Institute of Isotopes RIA	ng/dL	1.04	0.783 – 1.30	2.56	2.05 – 3.07	4.39	3.51 – 5.26
Monobind AccuBind ELISA	ng/dL	0.830	0.560 – 1.11	2.03	1.36 – 2.71	2.92	1.96 – 3.89
Monobind AccuLite CLIA	ng/dL	0.750	0.510 – 1.00	1.87	1.26 – 2.49	2.68	1.80 – 3.56
T4（总）（2）							
Beckman Coulter RIA (IM1447)	μ g/dL	4.48	3.14 – 5.83	8.60	6.02 – 11.2	10.8	7.52 – 14.0
BRAHMS Diagnostica RIA	μ g/dL	4.48	3.14 – 5.82	8.60	6.02 – 11.2	10.8	7.52 – 14.0
Calbiotech ELISA	μ g/dL	▲		▲		▲	
DIALAB T4	μ g/dL	4.54	3.27 – 5.82	9.76	8.16 – 11.3	13.8	9.55 – 18.1
DiaMetra ELISA	μ g/dL	5.45	3.81 – 7.08	9.95	6.96 – 12.9	13.6	9.49 – 17.6
DIAsource RIA CT	μ g/dL	4.79	3.74 – 5.84	7.60	6.43 – 8.68	8.99	7.60 – 10.5
DRG ELISA (EIA-4568)	μ g/dL	4.20	2.31 – 6.09	9.22	5.07 – 13.3	13.8	7.60 – >19.4
Fortress Diagnostics	μ g/dL	5.53	4.70 – 6.36	10.4	8.80 – 11.9	13.7	11.6 – 15.7
HUMAN ELISA	μ g/dL	5.13	3.44 – 6.82	9.88	6.62 – 13.1	14.2	9.54 – 18.9
Institute of Isotopes RIA	μ g/dL	4.22	3.17 – 5.28	8.88	7.10 – 10.7	11.7	9.33 – 14.0
Monobind AccuBind ELISA	μ g/dL	5.13	3.44 – 6.82	9.88	6.62 – 13.1	14.2	9.54 – 18.9
Monobind AccuLite CLIA	μ g/dL	5.30	3.55 – 7.05	9.64	6.46 – 12.8	13.0	8.68 – 17.2
癌胚抗原（2）							
Beckman Coulter CEA IRMA (IM2204/IM2274)	ng/mL	1.14	<1.00 – 1.49	4.85	3.64 – 6.06	6.89	5.17 – 8.61
Calbiotech ELISA	ng/mL	▲		▲		▲	
DiaMetra ELISA	ng/mL	<5.00		17.1	11.9 – 22.2	32.2	22.5 – 41.8
DIAsource IRMA	ng/mL	§		§		§	
HUMAN ELISA	ng/mL	2.09	1.40 – 2.78	11.8	7.87 – 15.6	20.4	13.6 – 27.1
Institute of Isotopes IRMA	ng/mL	1.52	1.06 – 1.97	11.5	9.20 – 13.8	24.7	19.7 – 29.6
Monobind AccuBind (NG ELISA)	ng/mL	<2.00		12.8	8.60 – 17.1	23.1	15.5 – 30.8
Monobind AccuBind ELISA	ng/mL	2.09	1.40 – 2.78	11.8	7.87 – 15.6	20.4	13.6 – 27.1
Monobind AccuLite (NG CLIA)	ng/mL	<2.00		12.2	8.17 – 16.2	21.9	14.7 – 29.2
Monobind AccuLite CLIA	ng/mL	2.00	1.34 – 2.66	12.2	8.20 – 16.3	21.8	14.6 – 28.9
苯巴比妥（2）							
Sekisui Medical Nanopia	μ g/mL	9.28	5.57 – 13.0	23.5	16.5 – 30.6	47.2	37.8 – 56.7
苯妥英（2）							
Sekisui Medical Nanopia	μ g/mL	7.49	4.49 – 10.5	17.4	12.2 – 22.6	29.6	23.7 – 35.5
丙戊酸（2）							
Sekisui Medical Nanopia	μ g/mL	32.5	19.5 – 45.4	81.7	57.2 – 106	116	92.8 – 139
茶碱（2）							
Sekisui Medical Nanopia	μ g/mL	5.06	3.04 – 7.08	15.2	10.6 – 19.7	28.4	22.7 – 34.1
雌二醇（2）							
Beckman Coulter RIA (A21854)	pg/mL	50.9	30.5 – 71.3	125	75.1 – 175	231	138 – 323
Beckman Coulter RIA US Estradiol (DSL4800)	pg/mL	63.8	38.3 – 89.4	114	68.1 – 159	184	110 – 257
Calbiotech ELISA	pg/mL	▲		▲		▲	
DIALAB 17-beta	pg/mL	112	90.1 – 133	340	294 – 386	771	621 – 922
DiaMetra ELISA (17 Beta)	pg/mL	127	77.3 – 176	275	192 – 358	534	363 – 704
DIAsource E2 RIA CT	pg/mL	85.0	59.0 – 110	203	142 – 264	371	260 – 482
DRG ELISA (EIA-2963)	pg/mL	134	74.8 – 192	414	232 – 596	870	487 – 1253
HUMAN ELISA	pg/mL	227	127 – 327	600	336 – 865	1075	602 – 1548
IBL ELISA	pg/mL	134	74.8 – 192	414	232 – 596	870	487 – 1253
Monobind AccuBind ELISA	pg/mL	120	80.2 – 159	212	142 – 282	365	245 – 486
Monobind AccuLite CLIA	pg/mL	123	82.4 – 164	208	139 – 276	337	226 – 448

方法 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
雌三醇（游离）(2)							
Beckman Coulter RIA (IM3594)	ng/mL	0.780	0.510 – 1.06	2.37	1.42 – 3.31	8.35	5.01 – 11.7
Calbiotech ELISA	ng/mL	▲		▲		▲	
DRG ELISA (EIA-1612)	ng/mL	2.56	1.41 – 3.71	6.75	3.71 – 9.78	17.0	9.34 – 24.6
HUMAN ELISA	ng/mL	1.65	0.910 – 2.39	5.70	3.13 – 8.26	14.3	7.86 – 20.7
IBL ELISA Unconjugated	ng/mL	\$		\$		\$	
Monobind AccuBind ELISA Unconjugated (uE3)	ng/mL	3.44	2.30 – 4.57	9.63	6.45 – 12.8	20.2	13.5 – 26.8
Monobind AccuLite CLIA Unconjugated (uE3)	ng/mL	3.28	2.20 – 4.36	10.6	7.10 – 14.1	18.3	12.3 – 24.3
促黄体生成素 (LH) (2)							
Beckman Coulter IRMA (IM1381)	mIU/mL	1.85	1.29 – 2.40	17.9	13.4 – 22.4	62.6	47.0 – 78.3
Calbiotech ELISA	mIU/mL	▲		▲		▲	
DIALAB LH	mIU/mL	<2.00		17.9	14.6 – 21.3	48.6	36.1 – 61.1
DiaMetra ELISA	mIU/mL	0.810	0.540 – 1.07	16.6	11.6 – 21.5	62.6	43.8 – 81.4
DIAsource sp IRMA	mIU/mL	0.750	0.530 – 0.980	11.6	9.60 – 13.6	45.8	39.8 – 51.8
DRG Serum ELISA (EIA-1289)	mIU/mL	■		22.2	12.2 – 32.2	54.9	30.2 – 79.7
Fortress Diagnostics	mIU/mL	▲		▲		▲	
HUMAN ELISA	mIU/mL	1.63	1.09 – 2.17	20.8	13.9 – 27.6	69.9	46.8 – 93.0
IBL ELISA	mIU/mL	\$		\$		\$	
Institute of Isotopes IRMA	mIU/mL	1.54	1.08 – 2.00	16.5	13.2 – 19.9	61.4	49.1 – 73.7
Monobind AccuBind ELISA	mIU/mL	1.63	1.09 – 2.17	20.8	13.9 – 27.6	69.9	46.8 – 93.0
Monobind AccuLite CLIA	mIU/mL	<5.00		19.8	13.2 – 26.3	69.6	46.6 – 92.6
促甲状腺激素 (TSH) (2)							
Beckman Coulter IRMA (IM3712)	μ IU/mL	0.420	0.280 – 0.570	5.70	4.27 – 7.12	35.6	26.7 – 44.5
Calbiotech ELISA	μ IU/mL	▲		▲		▲	
Demeditec TSH1h	μ IU/mL	▲		▲		▲	
DIALAB TSH	μ IU/mL	0.320	<0.204 – 0.740	3.86	3.50 – 4.22	>15.0	
DiaMetra ELISA	μ IU/mL	0.300	0.210 – 0.390	4.37	3.06 – 5.68	>20.0	
DIAsource IRMA	μ IU/mL	0.537	0.376 – 0.698	6.08	4.25 – 7.90	37.6	33.5 – 41.7
DRG ELISA (EIA-4171)	μ IU/mL	0.400	0.220 – 0.580	4.32	2.81 – 5.83	>15.0	
Fortress Diagnostics	μ IU/mL	0.520	0.442 – 0.598	5.34	4.54 – 6.14	35.2	29.9 – 40.4
HUMAN ELISA	μ IU/mL	0.143	0.079 – 0.207	4.46	2.90 – 6.02	26.4	17.2 – 35.7
IBL ELISA	μ IU/mL	\$		\$		\$	
Institute of Isotopes IRMA (Turbo-hTSH)	μ IU/mL	0.500	0.350 – 0.650	6.09	4.87 – 7.31	38.3	30.6 – 45.9
Monobind AccuBind ELISA	μ IU/mL	0.490	0.330 – 0.650	5.15	3.45 – 6.85	33.9	22.7 – >40.0
Monobind AccuBind ELISA (Rapid TSH)	μ IU/mL	0.410	0.270 – 0.540	4.87	3.26 – 6.47	30.6	20.5 – 40.7
Monobind AccuLite CLIA	μ IU/mL	0.400	0.260 – 0.530	4.65	3.11 – 6.18	31.1	20.9 – >40.0
Monobind AccuLite CLIA (Rapid TSH)	μ IU/mL	0.360	0.240 – 0.480	4.29	2.87 – 5.70	28.3	19.0 – 37.6
促肾上腺皮质激素 (ACTH) (2)							
Beckman Coulter IRMA (IM2030)	pg/mL	44.8	29.1 – 60.4	210	137 – 284	272	176 – 367
Biomerica ELISA	pg/mL	\$		\$		\$	
BRAHMS Diagnostica RIA	pg/mL	40.5	35.7 – 45.3	231	195 – 267	317	263 – 371
Monobind AccuBind ELISA	pg/mL	\$		\$		\$	
Monobind AccuLite CLIA	pg/mL	\$		\$		\$	
地高辛 (2)							
Monobind AccuBind ELISA	ng/mL	0.850	0.570 – 1.13	2.24	1.50 – 2.98		2.80 – >4.00
Monobind AccuLite CLIA	ng/mL	0.800	0.540 – 1.06	2.29	1.54 – 3.05	3.87	2.59 – >4.00
Sekisui Medical Nanopia	ng/mL	0.733	0.440 – 1.03	2.06	1.44 – 2.67	3.51	2.80 – 4.21
对乙酰氨基酚 (2)							
Cambridge Life Sciences Paracetamol (K8003)	μ g/mL	9.21	6.50 – 11.9	34.9	27.8 – 41.8	107	85.8 – 129
SEKURE (Sekisui Diagnostics)	μ g/mL	8.60	6.40 – 10.8	34.4	25.8 – 43.0	108	81.1 – 135
睾酮 (2)							
Beckman Coulter RIA Direct (IM1119)	ng/mL	0.810	0.530 – 1.10	2.65	1.59 – 3.71	4.56	2.73 – 6.38
Beckman Coulter RIA Extraction (IM1087)	ng/mL	1.54	1.08 – 2.00	4.29	3.00 – 5.57	7.38	5.17 – 9.60
Calbiotech ELISA	ng/mL	▲		▲		▲	
DIALAB Testosterone	ng/mL	0.310	<0.070 – 0.617	2.93	1.48 – 4.39	6.00	4.05 – 7.95
DiaMetra ELISA	ng/mL	\$		\$		\$	

方法 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
睾酮 (2) (续)							
DIAsource RIA CT	ng/mL	0.770	0.560 – 0.980	2.69	1.88 – 3.50	4.29	3.55 – 5.03
DRG ELISA (EIA-1559)	ng/mL	1.38	0.800 – 1.96	3.98	2.31 – 5.65	7.33	4.25 – 10.4
Fortress Diagnostics	ng/mL	1.50	1.28 – 1.73	4.02	3.42 – 4.62	7.54	6.41 – 8.67
HUMAN ELISA	ng/mL	1.46	0.850 – 2.08	5.02	2.91 – 7.13	9.46	5.48 – 13.4
IBL ELISA	ng/mL	1.27	1.02 – 1.52	3.52	2.82 – 4.23	6.89	5.51 – 8.27
Institute of Isotopes RIA	ng/mL	0.631	0.378 – 0.882	3.37	2.53 – 4.21	6.37	5.09 – 7.64
Monobind AccuBind ELISA	ng/mL	0.760	0.510 – 1.01	3.77	2.53 – 5.02	6.55	4.39 – 8.72
Monobind AccuLite CLIA	ng/mL	0.750	0.500 – 1.00	4.26	2.64 – 5.88	7.57	4.70 – 10.4
睾酮（游离）(2)							
Beckman Coulter RIA (DSL4900)	pg/mL	2.89	1.74 – 4.05	11.9	7.12 – 16.6	23.9	14.3 – 33.4
Calbiotech ELISA	pg/mL	▲		▲		▲	
DiaMetra ELISA	pg/mL	1.75	1.22 – 2.27	8.06	5.35 – 10.8	18.9	12.5 – 25.2
DIAsource RIA CT	pg/mL	2.31	1.98 – 2.64	9.10	6.87 – 11.3	14.8	12.5 – 17.0
IBL ELISA	pg/mL	3.92	2.65 – 5.20	13.3	10.6 – 15.9	29.7	23.7 – 35.6
IBL ELISA (Gen. II)	pg/mL	1.75	1.22 – 2.27	8.06	5.35 – 10.8	18.9	12.5 – 25.2
Monobind AccuBind ELISA	pg/mL	2.56	1.72 – 3.41	12.8	8.58 – 17.0	29.4	19.7 – 39.1
Monobind AccuLite CLIA	pg/mL	2.59	1.73 – 3.44	13.2	8.86 – 17.6	27.6	18.5 – 36.6
黄体酮 (2)							
Beckman Coulter RIA (IM1188)	ng/mL	0.420	0.270 – 0.560	10.5	7.35 – 13.7	31.1	21.7 – 40.4
Diagnostics Biochem Canada ELISA	ng/mL	▲		▲		▲	
DIALAB Progesterone	ng/mL	0.380	0.230 – 0.530	11.1	9.03 – 13.2	36.9	31.8 – >42.0
DiaMetra ELISA	ng/mL	0.400	<0.260 – 0.540	11.6	8.12 – 15.1	31.9	23.9 – 39.8
DIAsource RIA CT	ng/mL	1.24	0.870 – 1.61	15.6	10.9 – 20.3	37.1	25.9 – 48.2
DRG ELISA (EIA-1561)	ng/mL	0.810	0.450 – 1.18	8.12	4.47 – 11.8	36.6	20.1 – >40.0
HUMAN ELISA	ng/mL	0.830	0.450 – 1.20	9.53	5.24 – 13.8	36.1	19.8 – 52.3
IBL ELISA	ng/mL	0.810	0.450 – 1.18	8.12	4.47 – 11.8	36.6	20.1 – >40.0
Institute of Isotopes RIA	ng/mL	0.333	0.217 – 0.450	7.08	5.66 – 8.49	15.8	12.6 – 19.0
Monobind AccuBind ELISA	ng/mL	1.05	0.700 – 1.40	12.7	8.53 – 16.9	30.4	20.4 – 40.4
Monobind AccuLite CLIA	ng/mL	1.28	0.810 – 1.75	13.5	9.06 – 18.0	32.2	21.6 – 42.8
甲胎蛋白 (AFP) (2)							
Beckman Coulter IRMA (IM1441)	ng/mL	20.8	15.7 – 26.1	103	77.5 – 129	227	170 – 283
Beckman Coulter Screening IRMA (A37404)	ng/mL	20.2	15.2 – 25.3	118	88.6 – 147	261	195 – >265
Calbiotech ELISA	ng/mL	▲		▲		▲	
DiaMetra ELISA	ng/mL	16.5	11.6 – 21.5	70.2	49.2 – 91.3	110	76.8 – 143
DRG ELISA (EIA-1468)	ng/mL	28.4	18.7 – 38.1	158	104 – 212	>193	
Fortress Diagnostics	ng/mL	24.1	19.3 – 29.0	144	115 – 172	280	224 – 336
HUMAN ELISA	ng/mL	13.8	9.26 – 18.4	99.2	66.5 – 132	236	159 – 316
IBL ELISA	IU/mL	\$		\$		\$	
Institute of Isotopes IRMA	IU/mL	13.8	10.3 – 17.2	75.1	60.1 – 90.1	166	133 – 199
Monobind AccuBind ELISA	ng/mL	13.8	9.26 – 18.4	99.2	66.5 – 132	238	159 – 316
Monobind AccuLite CLIA	ng/mL	14.5	9.70 – 19.3	97.0	65.0 – 129	222	136 – 309
甲状腺素结合球蛋白 (TBG) (2)							
BRAHMS Diagnostica RIA	μg/mL	15.9	13.8 – 18.0	15.7	13.9 – 17.5	14.1	12.6 – 15.6
降钙素							
Biomerica ELISA (2)	pg/mL	\$		\$		\$	
DIAsource CT US IRMA 2nd IS 89/620 (2)	pg/mL	50.2	42.3 – 58.1	257	216 – 297	444	362 – 527
IBL RIA (2)	pg/mL	\$		\$		\$	
Institute of Isotopes IRMA (2)	pg/mL	29.0	21.8 – 36.3	189	151 – 227	371	297 – 446
Monobind AccuBind ELISA (2)	pg/mL	▲		▲		▲	
Monobind AccuLite CLIA (2)	pg/mL	▲		▲		▲	
Siemens Atellica Solution (CALCT) (IM)	pg/mL	35.1	19.2 – 51.1	209	151 – 266	399	295 – 502
咖啡因							
Emit	μg/mL	2.18	1.42 – 2.94	7.28	5.12 – 9.45	14.3	10.1 – 18.5
卡马西平 (2)							
Sekisui Medical Nanopia	μg/mL	3.05	1.83 – 4.27	8.07	5.65 – 10.5	12.7	10.2 – 15.3

方法 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
奎尼丁							
Emit 2000	μg/mL	0.856	0.506 – 1.21	2.48	1.72 – 3.25	4.04	2.87 – 5.20
利多卡因							
Emit	μg/mL	1.15	<1.00 – 1.43	3.90	3.00 – 4.81	7.28	5.60 – 8.95
卵泡刺激素 (2)							
Beckman Coulter IRMA (IM2125)	mIU/mL	6.78	5.09 – 8.48	14.7	11.0 – 18.4	27.9	20.9 – 34.8
Calbiotech ELISA	mIU/mL	▲		▲		▲	
DIALAB FSH	mIU/mL	15.4	11.6 – 19.3	38.1	34.6 – 41.6	57.0	50.0 – 65.6
DiaMetra ELISA	mIU/mL	9.53	6.67 – 12.4	24.8	17.4 – 32.3	55.5	38.8 – 72.1
DIAsource IRMA	mIU/mL	11.0	9.25 – 12.7	21.4	16.8 – 26.0	44.4	36.3 – 52.5
DRG ELISA (EIA-1288)	mIU/mL	9.37	5.15 – 13.6	20.3	11.2 – 29.5	38.5	21.2 – 55.8
Fortress Diagnostics	mIU/mL	5.07	4.05 – 6.08	22.1	17.6 – 26.5	39.1	31.2 – 46.9
HUMAN ELISA	mIU/mL	10.9	7.30 – 14.5	25.9	17.3 – 34.4	53.6	35.9 – 71.3
IBL ELISA	mIU/mL	9.37	5.15 – 13.6	20.3	11.2 – 29.5	38.5	21.2 – 55.8
Institute of Isotopes IRMA	mIU/mL	10.2	7.64 – 12.7	21.5	17.2 – 25.8	45.2	36.2 – 54.3
Monobind AccuBind ELISA	mIU/mL	10.9	7.30 – 14.5	25.9	17.3 – 34.4	53.6	35.9 – 71.3
Monobind AccuLite CLIA	mIU/mL	10.6	7.10 – 14.1	26.5	17.8 – 35.2	53.9	36.1 – 71.7
泌乳刺激素 (2)							
Beckman Coulter IRMA (IM2121)	ng/mL	4.63	3.24 – 6.02	14.8	11.1 – 18.5	29.4	22.0 – 36.7
Calbiotech ELISA	ng/mL	▲		▲		▲	
DIALAB Prolactin	ng/mL	8.86	6.26 – 11.5	26.3	20.8 – 31.7	57.6	45.6 – 69.7
DiaMetra ELISA	ng/mL	6.05	<5.00 – 7.86	19.4	13.6 – 25.2	40.7	28.5 – 52.9
DIAsource IRMA	ng/mL	2.59	1.82 – 3.37	10.1	7.49 – 12.7	20.2	14.1 – 26.2
DRG ELISA (EIA-1291)	ng/mL	5.48	3.01 – 7.94	14.1	7.74 – 20.4	29.4	16.2 – 42.6
Fortress Diagnostics	ng/mL	6.95	5.56 – 8.34	22.8	18.2 – 27.4	68.9	55.1 – 82.7
HUMAN ELISA	ng/mL	7.15	4.79 – 9.50	21.5	14.4 – 28.6	45.9	30.7 – 61.0
Institute of Isotopes IRMA	ng/mL	5.15	3.90 – 6.40	14.8	11.8 – 17.7	31.8	25.4 – 38.1
Monobind AccuBind ELISA	ng/mL	7.67	5.14 – 10.2	22.2	14.8 – 29.5	51.3	34.4 – 68.3
Monobind AccuLite CLIA	ng/mL	7.68	5.15 – 10.2	20.9	14.0 – 27.8	49.0	32.8 – 65.1
免疫球蛋白 E (IGE)							
Calbiotech ELISA (2)	IU/mL	▲		▲		▲	
DiaMetra ELISA (2)	IU/mL	374	262 – >400	148	103 – 192	128	89.4 – 166
EUROIMMUN Total IgE ELISA (2)	IU/mL	315	269 – 361	115	81.0 – 150	95.0	67.0 – 124
ImmunoCAP total IgE	IU/mL	§		§		§	
Monobind AccuBind ELISA (2)	IU/mL	338	226 – >400	119	79.6 – 158	102	68.4 – 136
Monobind AccuLite CLIA (2)	IU/mL	328	220 – >400	116	77.5 – 154	103	69.0 – 137
皮质醇 (2)							
Beckman Coulter Cortisol Sensitive RIA	nmol/L	97.4	58.4 – 136	498	324 – 672	641	416 – 865
Beckman Coulter RIA (IM1841)	μg/dL	4.17	2.50 – 5.83	19.5	12.6 – 26.3	26.1	18.3 – 33.9
Calbiotech ELISA	ng/mL	▲		▲		▲	
DIALAB Cortisol	ng/mL	32.8	21.1 – 44.6	247	169 – 325	380	260 – >500
DiaMetra ELISA	ng/mL	33.4	23.4 – 43.4	207	145 – 269	339	237 – 440
DIAsource RIA CT	μg/dL	3.87	2.71 – 5.03	17.3	12.1 – 22.5	25.5	18.9 – 32.0
DRG ELISA (EIA-1887)	ng/mL	35.6	22.8 – 48.5	194	124 – 264	343	219 – 466
HUMAN ELISA	ng/mL	36.2	23.2 – 49.3	185	118 – 251	300	192 – 408
IBL Serum ELISA	ng/mL	38.0	29.0 – 46.0	245	196 – 294	399	319 – 479
Institute of Isotopes RIA	ng/mL	37.7	28.3 – 47.1	163	130 – 196	232	186 – 278
Monobind AccuBind ELISA	μg/dL	3.31	2.21 – 4.40	17.6	11.8 – 23.4	23.2	15.5 – 30.8
Monobind AccuLite CLIA	μg/dL	3.63	2.43 – 4.83	17.3	11.6 – 23.0	27.5	18.4 – 36.5
普里米酮							
Emit	μg/mL	3.11	<2.50 – 3.87	6.07	4.89 – 7.26	11.8	9.79 – 13.8
前列腺特异性抗原（游离）(2)							
Beckman Coulter IRMA (IM2520)	ng/mL	0.380	<0.310 – 0.480	1.40	1.05 – 1.75	10.8	8.10 – 13.5
HUMAN ELISA	ng/mL	0.660	0.440 – 0.880	2.25	1.50 – 2.99	>10.0	
IBL ELISA	ng/mL	§		§		§	
Institute of Isotopes IRMA	ng/mL	1.05	0.740 – 1.37	3.26	2.45 – 4.08	25.5	20.4 – 30.6

方法 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
前列腺特异性抗原（游离）(2) (续)							
Monobind AccuBind ELISA	ng/mL	0.660	0.440 – 0.880	2.25	1.50 – 2.99	>10.0	
Monobind AccuLite CLIA	ng/mL	0.720	0.440 – 1.00	2.25	1.51 – 3.00	>10.0	
前列腺特异性抗原（总）(2)							
Beckman Coulter IRMA (IM1950)	ng/mL	<0.950		2.45	1.84 – 3.06	16.7	12.5 – 20.8
DIALAB PSA	ng/mL	0.780	0.710 – 0.850	2.99	2.60 – 3.38	20.4	17.1 – 23.7
DRG ELISA (EIA-3719)	ng/mL	1.06	0.580 – 1.54	3.40	2.21 – 4.59	24.0	15.6 – >25.0
Fortress Diagnostics	ng/mL	1.20	0.960 – 1.43	4.48	3.58 – 5.38	31.3	25.1 – 37.6
HUMAN ELISA	ng/mL	2.07	1.14 – 3.00	6.77	4.40 – 9.14	28.8	18.7 – 38.9
IBL ELISA	ng/mL	\$		\$		\$	
Institute of Isotopes IRMA	ng/mL	1.11	0.780 – 1.44	3.45	2.59 – 4.32	24.3	19.4 – 29.1
Monobind AccuBind ELISA	ng/mL	<2.00		4.18	2.80 – 5.55	30.8	20.7 – 41.0
MonoBind AccuBind ELISA (tPSA-XS)	ng/mL	0.770	0.510 – 1.02	3.32	2.23 – 4.42	>25.0	
Monobind AccuLite CLIA	ng/mL	<2.00		4.14	2.77 – 5.51	28.1	18.8 – 37.3
Monobind AccuLite CLIA (tPSA-XS)	ng/mL	\$		\$		\$	
醛固酮 (2)							
Beckman Coulter RIA (DSL8600)	pg/mL	139	83.2 – 194	313	204 – 423	764	458 – 1070
Beckman Coulter RIA (IM1664)	pg/mL	91.4	54.8 – 128	209	136 – 282	418	272 – 565
DiaMetra ELISA	pg/mL	139	97.3 – 181	381	266 – 495	873	611 – 1136
DIAsource RIA CT	ng/dL	11.3	9.45 – 13.2	21.3	16.2 – 26.5	52.0	36.4 – 67.6
DRG ELISA (EIA-5298)	pg/mL	80.0	44.0 – 116	298	164 – 432	904	497 – >1000
IBL ELISA	pg/mL	80.0	44.0 – 116	298	164 – 432	904	497 – >1000
Monobind AccuBind ELISA	pg/mL	161	108 – 213	354	237 – 471	826	553 – 1098
Monobind AccuLite CLIA	pg/mL	173	116 – 230	372	249 – 495	856	573 – 1138
人绒毛膜促性腺激素 (2)							
Beckman Coulter IRMA (IM2110)	mIU/mL	<8.00		27.6	17.9 – 37.3	241	181 – 301
Calbiotech ELISA	mIU/mL	▲		▲		▲	
DIAsource hCG + Beta IRMA	mIU/mL	7.83	5.48 – 10.2	54.8	41.1 – 68.8	340	255 – 425
DRG ELISA (EIA-1469)	mIU/mL	■		35.2	21.9 – 48.6	203	126 – 280
Fortress Diagnostics (Rapid hCG)	mIU/mL	<2.50		14.5	11.6 – 17.4	207	166 – 248
HUMAN ELISA	mIU/mL	5.21	3.49 – 6.93	19.8	13.3 – 26.3	215	144 – >250
Institute of Isotopes IRMA (hCG)	mIU/mL	4.69	3.29 – 6.10	29.8	23.9 – 35.8	314	251 – 376
Monobind AccuBind ELISA	mIU/mL	4.74	3.18 – 6.31	20.5	12.4 – 28.7	244	163 – >250
Monobind AccuBind ELISA (hCG-XR)	mIU/mL	4.12	2.76 – 5.47	21.8	14.6 – 29.0	194	130 – 258
Monobind AccuBind ELISA (Rapid hCG)	mIU/mL	5.21	3.49 – 6.93	19.8	13.3 – 26.3	215	144 – >250
Monobind AccuLite CLIA	mIU/mL	4.64	3.11 – 6.17	18.7	12.6 – 24.9	221	148 – >250
Monobind AccuLite CLIA (hCG-XR)	mIU/mL	3.60	2.41 – 4.79	24.1	16.2 – 32.1	194	130 – 258
人绒毛膜促性腺激素 B 亚基 (2)							
Beckman Coulter Free hCG RIA (KIT IM2459)	ng/mL	▲		▲		▲	
DiaMetra ELISA	mIU/mL	1.03	<1.00 – 1.43	11.0	7.70 – 14.3	238	145 – 330
DRG ELISA (EIA-1911)	mIU/mL	2.62	1.63 – 3.62	13.7	8.51 – 18.9	119	73.9 – 165
IBL ELISA	mIU/mL	\$		\$		\$	
人生长激素 (HGH) (2)							
Beckman Coulter IRMA (IM1397)	μ IU/mL	13.5	10.1 – 16.8	29.6	22.2 – 37.0	52.7	39.5 – 65.9
Calbiotech ELISA	ng/mL	▲		▲		▲	
DiaMetra ELISA	μ IU/mL	20.1	14.1 – 26.2	45.2	31.6 – 58.7	96.7	67.7 – 126
DIAsource IRMA	μ IU/mL	8.90	7.30 – 10.5	19.5	15.8 – 23.1	36.2	31.4 – 41.0
Institute of Isotopes IRMA	μ IU/mL	12.9	9.70 – 16.2	28.8	23.0 – 34.5	53.1	42.5 – 63.7
MEDIAGNOST ELISA	μ IU/mL	15.3	12.1 – 18.5	31.0	23.8 – 38.3	54.8	43.1 – 66.4
Monobind AccuBind ELISA	μ IU/mL	14.8	9.94 – 19.7	32.2	21.6 – 42.8	64.7	43.4 – 86.1
Monobind AccuLite CLIA	μ IU/mL	14.1	9.45 – 18.8	33.9	22.7 – 46.1	70.3	47.1 – 93.6
水杨酸盐 (2)							
Cambridge Life Sciences (K9001)	mg/dL	4.05	3.25 – 4.86	15.6	12.5 – 18.8	43.7	35.0 – 52.4
SEKURE (Sekisui Diagnostics)	mg/dL	<5.30		15.8	11.8 – 19.8	44.4	33.3 – 55.5
铁蛋白 (2)							
Beckman Coulter IRMA (IM3492)	ng/mL	66.1	43.0 – 89.3	187	131 – 243	520	364 – 675

方法 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
铁蛋白 (2) (续)							
Calbiotech ELISA	ng/mL	▲		▲		▲	
DiaMetra ELISA	ng/mL	83.8	58.7 – 109	333	233 – 432	>800	
Fortress Diagnostics	ng/mL	32.9	26.3 – 39.4	109	87.5 – 131	354	283 – 425
Monobind AccuBind ELISA	ng/mL	48.7	32.6 – 64.7	124	83.2 – 165	320	215 – 426
Monobind AccuLite CLIA	ng/mL	49.9	33.4 – 66.3	122	81.8 – 162	327	219 – 435
脱氢表雄酮（硫酸盐）(2)							
Beckman Coulter RIA (IM0729)	μ g/dL	82.0	57.4 – 107	210	147 – 274	772	540 – >1000
Beckman Coulter RIA DHEA-S-7 (DSL2700)	ng/mL	689	482 – 896	2184	1638 – 2730	5891	4418 – 7363
Calbiotech ELISA	μ g/mL	▲		▲		▲	
DiaMetra ELISA	μ g/mL	0.920	0.650 – 1.20	2.53	1.77 – 3.30	6.56	4.59 – 8.53
DIAsource RIA CT	μ g/dL	91.3	75.7 – 107	205	148 – 263	591	414 – 769
DRG ELISA (EIA-1562)	μ g/mL	0.590	0.320 – 0.850	1.52	0.840 – 2.20	4.84	2.66 – 7.02
HUMAN ELISA	μ g/mL	0.620	0.340 – 0.890	1.75	0.960 – 2.54	5.45	3.00 – 7.90
IBL ELISA	μ g/mL	0.840	0.550 – 1.13	2.43	1.58 – 3.28	8.51	5.53 – 11.5
Institute of Isotopes RIA	μ g/mL	0.800	0.600 – 1.00	1.89	1.51 – 2.27	5.99	4.78 – 7.19
Monobind AccuBind ELISA	μ g/mL	0.700	0.470 – 0.940	2.58	1.73 – 3.43	7.49	5.02 – >8.00
Monobind AccuLite CLIA	μ g/mL	0.720	0.480 – 0.960	2.51	1.68 – 3.34	7.11	4.76 – >8.00
万古霉素 (2)							
Sekisui Medical Nanopia	μ g/mL	7.03	4.22 – 9.84	19.3	13.5 – 25.0	34.2	27.3 – 41.0
维生素 B12 (2)							
Monobind AccuBind ELISA	pg/mL	341	228 – 453	649	435 – 864	835	559 – 1110
Monobind AccuLite CLIA	pg/mL	383	257 – 509	617	414 – 821	798	535 – 1062
雄烯二酮							
Beckman Coulter RIA (DSL3800) (2)	ng/mL	0.610	0.370 – 0.860	1.58	1.02 – 2.13	3.21	2.25 – 4.18
Beckman Coulter RIA Delta4 (IM0674) (2)	ng/mL	1.19	0.710 – 1.66	2.76	1.66 – 3.86	5.19	3.11 – 7.26
Calbiotech ELISA (2)	ng/mL	▲		▲		▲	
Diagnostics Biochem Canada ELISA (2)	ng/mL	▲		▲		▲	
DiaMetra ELISA (2)	ng/mL	0.410	0.250 – 0.580	2.20	1.54 – 2.86	3.42	2.39 – 4.44
DIAsource RIA CT (2)	ng/mL	0.895	0.766 – 1.02	2.65	2.08 – 3.21	5.06	3.54 – 6.57
DRG ELISA (EIA-3265) (2)	ng/mL	0.500	0.280 – 0.730	1.34	0.740 – 1.94	3.42	1.88 – 4.96
IBL ELISA (2)	ng/mL	0.500	0.280 – 0.730	1.34	0.740 – 1.94	3.42	1.88 – 4.96
Monobind AccuBind ELISA (ANST) (2)	ng/mL	0.960	0.640 – 1.28	2.36	1.58 – 3.14	5.81	3.90 – 7.73
Monobind AccuLite CLIA (ANST) (2)	ng/mL	0.920	0.620 – 1.22	2.08	1.39 – 2.76	4.91	3.29 – 6.53
Siemens Atellica Solution (ANDRO) (IM)	ng/mL	0.554	0.323 – 0.785	1.05	0.642 – 1.45	1.99	1.25 – 2.73
叶酸 (2)							
Monobind AccuBind ELISA	ng/mL	2.78	1.86 – 3.69	6.93	4.64 – 9.22	8.85	5.93 – 11.8
Monobind AccuLite	ng/mL	3.08	2.06 – 4.09	6.12	4.10 – 8.14	7.69	5.16 – 10.2
胰岛素 (2)							
Beckman Coulter IRMA (IM3210)	μ IU/mL	16.1	12.0 – 20.1	63.1	47.3 – 78.9	185	139 – 231
Calbiotech ELISA	μ IU/mL	▲		▲		▲	
Cias INSULIN II and BIO Majesty 1650	μ IU/mL	§		§		§	
DiaMetra ELISA	μ IU/mL	21.8	15.3 – 28.4	70.5	49.4 – 91.7	173	121 – >200
DIAsource IRMA	μ IU/mL	20.8	16.5 – 25.1	77.8	63.2 – 92.5	237	183 – 292
DRG ELISA (EIA-2935)	μ IU/mL	17.7	9.74 – 25.7	82.8	45.5 – >100	>100	
Institute of Isotopes IRMA	μ IU/mL	15.4	12.4 – 18.5	54.4	43.5 – 65.2	141	113 – 170
Monobind AccuBind ELISA	μ IU/mL	11.2	7.52 – 14.9	47.4	31.8 – 63.0	144	96.7 – 192
Monobind AccuLite CLIA	μ IU/mL	11.2	7.49 – 14.9	48.5	32.5 – 64.4	140	94.1 – 187
Sekisui Medical Norudia	μ IU/mL	11.9	9.52 – 14.3	49.8	39.8 – 59.7	141	112 – >150
胰岛素样生长因子 1/促生长因子 C (2)							
Beckman Coulter IGF-1 IRMA (A15729)	ng/mL	86.4	56.2 – 117	109	76.4 – 142	79.4	47.6 – 111
MEDIAGNOST IGF-1 ELISA (IGFBP Blocked)	ng/mL	111	86.4 – 136	140	110 – 171	118	75.7 – 159
MEDIAGNOST IGF-1 RIA (IGFBP Blocked)	ng/mL	111	86.4 – 136	140	110 – 171	118	75.7 – 159
乙琥胺							
Emit	μ g/mL	25.6	19.7 – 31.5	60.7	47.8 – 73.6	114	89.9 – 137

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
Abbott Alinity c Analyzer							
阿米卡星	μ g/mL	4.67	3.11 – 6.22	13.2	10.9 – 15.4	25.3	22.1 – 28.6
苯巴比妥	μ g/mL	8.30	5.97 – 10.6	21.6	16.1 – 27.1	48.5	36.4 – 60.6
苯妥英	μ g/mL	6.83	5.65 – 8.02	14.2	11.9 – 16.4	25.2	21.4 – 29.0
丙戊酸	μ g/mL	30.4	22.9 – 37.9	82.6	69.9 – 95.2	114	97.9 – 129
茶碱	μ g/mL	4.48	3.41 – 5.56	13.3	10.4 – 16.1	26.6	20.9 – 32.2
地高辛	ng/mL	0.705	0.465 – 0.945	1.97	1.48 – 2.45	3.52	2.73 – 4.30
对乙酰氨基酚	μ g/mL	9.15	6.72 – 11.6	35.4	28.5 – 42.2	111	90.6 – 131
卡马西平	μ g/mL	2.03	<1.90 – 3.46	7.53	5.78 – 9.29	11.6	9.58 – 13.7
锂	mmol/L	0.362	0.269 – 0.454	1.09	0.949 – 1.22	1.68	1.50 – 1.85
庆大霉素	μ g/mL	2.37	1.75 – 2.98	4.83	4.02 – 5.65	7.13	6.12 – 8.14
水杨酸盐	mg/dL	<5.00		15.2	12.4 – 18.1	44.2	36.9 – 51.5
妥布霉素	μ g/mL	0.670	0.427 – 0.913	2.37	1.97 – 2.78	5.41	4.72 – 6.11
万古霉素	μ g/mL	6.96	5.66 – 8.26	18.3	15.5 – 21.0	31.4	26.9 – 35.9
Abbott Alinity i Analyzer							
C-肽	ng/mL	1.08	0.822 – 1.34	5.49	4.60 – 6.37	7.83	6.61 – 9.05
T3（游离）	pg/mL	2.69	2.08 – 3.30	6.96	5.51 – 8.41	13.2	10.5 – 15.8
T3（总）	ng/mL	0.879	<0.400 – 1.40	2.06	1.74 – 2.38	2.98	2.51 – 3.45
T3 摄取率/甲状腺素摄取率	T Uptake Unit	0.789	0.632 – 0.945	0.751	0.590 – 0.912	0.709	0.548 – 0.870
T4（游离）	ng/dL	0.840	0.721 – 0.959	1.77	1.38 – 2.17	2.95	2.17 – 3.73
T4（总）	μ g/dL	4.83	4.16 – 5.49	9.46	8.04 – 10.9	12.0	10.2 – 13.8
癌胚抗原	ng/mL	1.80	<1.73 – 2.29	17.6	15.2 – 20.0	39.3	34.3 – 44.4
雌二醇	pg/mL	86.7	63.1 – 110	180	149 – 210	285	247 – 324
促黄体生成素 (LH)	mIU/mL	1.21	1.04 – 1.38	13.7	12.0 – 15.4	48.2	42.1 – 54.3
促甲状腺激素 (TSH)	μ IU/mL	0.365	0.300 – 0.430	4.56	3.94 – 5.17	28.0	24.1 – 31.8
睾酮	ng/dL	173	138 – 208	424	342 – 506	676	547 – 805
黄体酮	ng/mL	0.512	<0.500 – 0.708	8.35	6.77 – 9.93	24.9	20.4 – 29.4
甲胎蛋白 (AFP)	ng/mL	16.4	13.6 – 19.3	92.4	80.3 – 104	195	170 – 219
卵泡刺激素	mIU/mL	9.71	8.38 – 11.0	21.7	18.7 – 24.6	42.7	36.8 – 48.6
泌乳刺激素	ng/mL	7.57	6.51 – 8.62	21.8	18.4 – 25.2	47.1	39.5 – 54.7
皮质醇	μ g/dL	3.36	2.59 – 4.13	16.8	14.5 – 19.0	24.3	21.2 – 27.4
前列腺特异性抗原（游离）	ng/mL	0.508	0.417 – 0.598	1.84	1.52 – 2.17	15.5	13.0 – 18.1
前列腺特异性抗原（总）	ng/mL	0.730	0.583 – 0.877	2.75	2.22 – 3.29	18.2	14.7 – 21.7
人绒毛膜促性腺激素	mIU/mL	5.59	3.75 – 7.43	29.9	24.7 – 35.1	244	210 – 278
铁蛋白	ng/mL	76.7	65.6 – 87.8	273	223 – 323	756	612 – 900
脱氢表雄酮（硫酸盐）	μ g/dL	70.7	60.0 – 81.3	188	161 – 215	645	553 – 737
维生素 B12	pg/mL	367	264 – 469	553	420 – 686	618	475 – 761
叶酸	ng/mL	4.13	<2.20 – 6.08	10.4	7.18 – 13.6	>20.0	
胰岛素	μ IU/mL	12.9	10.9 – 14.8	51.8	45.4 – 58.1	155	137 – 173
ABBOTT ARCHITECT cSYSTEMS							
苯巴比妥 (5P07-21)	μ g/mL	\$		\$		\$	
苯妥英 (5P08-21)	μ g/mL	6.79	5.39 – 8.18	14.6	11.6 – 17.7	25.9	20.4 – 31.4
丙戊酸 (MULTIGENT)	μ g/mL	27.9	22.0 – 33.7	76.8	68.0 – 85.5	104	94.0 – 115
茶碱 (5P06-21)	μ g/mL	\$		\$		\$	
地高辛 (MULTIGENT)	ng/mL	\$		\$		\$	
对乙酰氨基酚 (MULTIGENT)	μ g/mL	8.21	4.72 – 11.7	34.2	29.2 – 39.1	103	93.9 – 113
卡马西平 (5P05-21)	μ g/mL	\$		\$		\$	
锂 (MULTIGENT)	mEq/L	0.456	0.358 – 0.553	1.17	1.02 – 1.32	1.70	1.51 – 1.89
免疫球蛋白 A (IgA)	mg/dL	170	135 – 205	166	130 – 201	146	115 – 177
免疫球蛋白 E (IgE) (MULTIGENT)	IU/mL	\$		\$		\$	
免疫球蛋白 G (IgG)	mg/dL	855	736 – 973	854	736 – 973	714	590 – 838
免疫球蛋白 M (IgM)	mg/dL	70.2	63.5 – 76.9	70.2	63.5 – 77.0	61.5	54.8 – 68.2
庆大霉素 (MULTIGENT)	μ g/mL	2.18	1.64 – 2.72	4.58	3.83 – 5.33	6.84	5.89 – 7.78
水杨酸盐 (MULTIGENT)	mg/dL	<5.00		15.8	13.6 – 18.0	42.5	38.8 – 46.2
铁	μ g/dL	87.5	63.0 – 112	79.1	54.7 – 104	73.6	49.2 – 98.0
妥布霉素 (MULTIGENT)	μ g/mL	0.710	0.507 – 0.913	2.44	2.09 – 2.79	5.18	4.60 – 5.76

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
ABBOTT ARCHITECT cSYSTEMS (续)							
万古霉素 (MULTIGENT)	μg/mL	6.92	5.39 – 8.45	18.9	15.8 – 22.0	31.7	26.9 – 36.4
ABBOTT ARCHITECT iSYSTEMS							
C-肽	ng/mL	\$		\$		\$	
T3（游离）	pg/mL	2.54	1.89 – 3.19	6.82	5.20 – 8.43	12.9	9.89 – 15.9
T3（总）	ng/mL	0.875	0.680 – 1.07	2.09	1.70 – 2.48	3.11	2.55 – 3.67
T3 摄取率/甲状腺素摄取率	T Uptake Unit	0.811	0.657 – 0.964	0.773	0.629 – 0.918	0.722	0.580 – 0.864
T4（游离）	ng/dL	0.876	0.765 – 0.987	1.91	1.47 – 2.36	3.18	2.30 – 4.06
T4（总）	μg/dL	5.27	4.30 – 6.24	10.1	7.98 – 12.2	13.8	10.8 – 16.8
癌胚抗原	ng/mL	1.65	0.986 – 2.32	18.6	15.4 – 21.7	41.8	35.0 – 48.5
苯巴比妥	μg/mL	10.3	8.39 – 12.3	25.4	21.1 – 29.8	53.0	44.3 – 61.7
苯妥英	μg/mL	6.37	5.38 – 7.36	13.8	11.5 – 16.0	24.0	20.0 – 28.1
丙戊酸	μg/mL	30.8	24.5 – 37.1	75.0	60.8 – 89.1	110	89.5 – 130
茶碱	μg/mL	4.80	3.90 – 5.69	13.9	11.0 – 16.8	26.3	20.6 – 31.9
雌二醇	pg/mL	91.9	72.4 – 111	192	165 – 220	304	268 – 340
促黄体生成素 (LH)	mIU/mL	1.32	1.04 – 1.61	14.9	11.8 – 17.9	51.5	41.2 – 61.9
促甲状腺激素 (TSH)	μIU/mL	0.359	0.223 – 0.495	4.43	3.66 – 5.21	25.9	21.6 – 30.2
地高辛	ng/mL	0.495	0.357 – 0.633	1.54	1.31 – 1.78	2.89	2.52 – 3.25
睾酮	ng/dL	\$		\$		\$	
黄体酮	ng/mL	0.617	0.427 – 0.806	9.46	7.39 – 11.5	28.3	22.2 – 34.4
甲胎蛋白 (AFP)	ng/mL	16.2	11.3 – 21.2	94.4	76.0 – 113	201	161 – 241
卵泡刺激素	mIU/mL	9.67	8.06 – 11.3	21.4	17.8 – 25.0	43.1	35.9 – 50.4
泌乳刺激素	ng/mL	7.22	5.80 – 8.64	20.5	16.6 – 24.4	45.0	36.6 – 53.5
皮质醇	μg/dL	\$		\$		\$	
前列腺特异性抗原（游离）	ng/mL	0.524	0.450 – 0.598	1.92	1.57 – 2.27	16.2	13.2 – 19.1
前列腺特异性抗原（总）	ng/mL	0.633	0.471 – 0.796	2.41	1.92 – 2.90	17.0	13.8 – 20.1
庆大霉素	μg/mL	2.24	1.89 – 2.60	4.86	4.01 – 5.72	7.73	6.32 – 9.14
人绒毛膜促性腺激素	mIU/mL	5.22	3.11 – 7.34	26.9	21.6 – 32.3	229	193 – 264
铁蛋白	ng/mL	76.5	61.0 – 92.1	268	206 – 329	788	621 – 954
脱氢表雄酮（硫酸盐）	μg/dL	\$		\$		\$	
万古霉素 (1P30-27)	μg/mL	7.52	6.19 – 8.85	20.8	17.2 – 24.4	36.5	30.2 – 42.7
万古霉素 (1P30-28)	μg/mL	7.52	6.19 – 8.85	20.8	17.2 – 24.4	36.5	30.2 – 42.7
维生素 B12	pg/mL	364	263 – 464	553	411 – 695	633	474 – 792
叶酸	ng/mL	4.10	2.54 – 5.65	10.4	7.37 – 13.3	19.6	14.5 – >20.0
胰岛素	μIU/mL	14.4	12.3 – 16.5	52.6	46.2 – 59.0	156	138 – 174
Autobio Autolumo Series (2)							
17-α-羟孕酮 (CLIA)	ng/mL	0.480	0.340 – 0.620	2.01	1.41 – 2.61	7.39	5.17 – 9.60
25-羟基维生素 D (CLIA)	ng/mL	27.5	19.2 – 35.7	25.6	17.9 – 33.2	26.2	18.4 – 34.1
C-肽 (CLIA)	ng/mL	1.35	0.950 – 1.76	7.32	5.13 – 9.52	9.96	6.97 – 12.9
T3（游离）(CLIA)	pg/mL	4.58	3.20 – 5.95	11.8	8.27 – 15.4	28.9	20.2 – 37.6
T3（总）(CLIA)	ng/mL	1.00	0.700 – 1.30	2.33	1.63 – 3.03	3.70	2.59 – 4.80
T4（游离）(CLIA)	pmol/L	13.9	9.73 – 18.1	37.0	25.9 – 48.2	98.4	68.9 – >100
T4（总）(CLIA)	μg/dL	5.90	4.13 – 7.67	11.0	7.67 – 14.2	15.0	10.5 – 19.5
癌胚抗原 (CLIA)	ng/mL	1.83	1.28 – 2.37	18.9	13.3 – 24.6	40.2	28.2 – 52.3
雌二醇 (CLIA)	pg/mL	105	73.2 – 136	304	213 – 395	699	489 – 909
促黄体生成素 (LH) (CLIA)	mIU/mL	1.64	1.15 – 2.13	24.9	17.4 – 32.4	88.0	61.6 – 114
促甲状腺激素 (TSH) (CLIA)	μIU/mL	0.470	0.330 – 0.620	5.46	3.82 – 7.09	33.9	23.7 – 44.1
促肾上腺皮质激素 (ACTH) (CLIA)	pg/mL	28.5	19.9 – 37.0	156	109 – 202	287	201 – 373
睾酮 (CLIA)	ng/mL	1.35	0.940 – 1.75	4.60	3.22 – 5.98	10.1	7.06 – 13.1
黄体酮 (CLIA)	ng/mL	0.690	0.480 – 0.900	14.4	10.1 – 18.7	37.7	26.4 – 49.0
甲胎蛋白 (AFP) (CLIA)	ng/mL	20.3	14.2 – 26.5	108	75.3 – 140	227	159 – 295
降钙素 (CLIA)	pg/mL	40.4	28.3 – 52.5	209	147 – 272	404	283 – 525
卵泡刺激素 (CLIA)	mIU/mL	9.65	6.75 – 12.5	20.2	14.2 – 26.3	40.8	28.6 – 53.0
免疫球蛋白 E (IgE) (CLIA)	IU/mL	433	310 – 576	163	114 – 211	140	97.7 – 181
皮质醇 (CLIA)	μg/dL	4.12	2.88 – 5.35	20.9	14.6 – 27.2	36.5	25.6 – 47.4
前列腺特异性抗原（游离）(CLIA)	ng/mL	0.500	0.350 – 0.640	1.86	1.30 – 2.41	15.3	10.7 – 19.8

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
Autobio Autolumo Series (2) (续)							
前列腺特异性抗原（总）(CLIA)	ng/mL	0.940	0.660 – 1.22	3.08	2.16 – 4.01	23.1	16.2 – 30.0
醛固酮 (CLIA)	pg/mL	148	104 – 192	269	188 – 350	764	535 – 993
人绒毛膜促性腺激素 (CLIA)	mIU/mL	4.64	3.25 – 6.03	26.2	18.3 – 34.1	275	192 – 357
人生长激素 (hGH) (CLIA)	ng/mL	5.39	3.77 – 7.00	11.6	8.13 – 15.1	20.0	14.0 – 26.0
铁蛋白 (CLIA)	ng/mL	95.6	66.9 – 124	372	261 – 484	>1000	
脱氢表雄酮（硫酸盐）(DHEA-S) (CLIA)	μg/dL	108	75.8 – 141	265	186 – 345	994	696 – >1000
维生素 B12 (CLIA)	pg/mL	364	255 – 474	645	451 – 838	800	560 – 1040
叶酸 (CLIA)	ng/mL	2.83	1.98 – 3.68	5.70	3.99 – 7.40	8.08	5.66 – 10.5
胰岛素 (CLIA)	μIU/mL	18.9	13.2 – 24.6	73.2	51.2 – 95.1	197	138 – 256
BECKMAN COULTER ACCESS / 2 / 2i							
C-肽	ng/mL	\$		\$		\$	
T3（游离）(Free T3)	pg/mL	2.88	2.18 – 3.58	6.22	4.88 – 7.56	10.2	8.11 – 12.3
T3（总）(Total T3)	ng/mL	1.02	0.724 – 1.31	2.15	1.67 – 2.62	3.30	2.63 – 3.96
T3 摄取率/甲状腺素摄取率	% Uptake	45.5	37.0 – 53.9	49.2	40.3 – 58.2	56.2	46.2 – 66.1
T4（游离）(Free T4)	ng/dL	0.835	0.668 – 1.00	2.07	1.67 – 2.47	3.67	2.96 – 4.38
T4（总）(Total T4)	μg/dL	5.46	3.80 – 7.12	10.5	7.81 – 13.2	14.1	10.7 – 17.5
癌胚抗原 (CEA2)	ng/mL	2.19	1.69 – 2.69	18.3	14.8 – 21.9	40.7	33.0 – 48.5
雌二醇	pg/mL	\$		\$		\$	
雌二醇 (Sensitive)	pg/mL	95.1	48.8 – 141	202	132 – 273	337	236 – 438
雌三醇（游离）(Unconjugated Estriol)	ng/mL	1.42	0.948 – 1.89	4.42	3.45 – 5.39	>6.90	
雌三醇（游离）(Unconjugated Estriol) (C22255) (2)	ng/mL	2.87	2.35 – 3.38	7.78	6.38 – 9.19	>9.36	
雌三醇（游离）(UniCel Dxl 9000) (Unconjugated) (C22255) (2)	ng/mL	2.61	2.14 – 3.08	7.17	5.88 – 8.46	>9.36	
促黄体生成素 (LH) (hLH)	mIU/mL	1.32	0.959 – 1.68	16.4	12.7 – 20.2	60.1	46.5 – 73.7
促甲状腺激素 (TSH) (3rd IS)	μIU/mL	0.392	0.319 – 0.465	5.31	4.19 – 6.43	33.3	26.2 – 40.5
促甲状腺激素 (TSH) (hTSH, HYPERsensitive)	μIU/mL	0.407	0.332 – 0.481	5.15	4.06 – 6.23	33.0	26.0 – 40.0
地高辛	ng/mL	0.757	0.535 – 0.978	2.12	1.68 – 2.55	3.59	2.92 – 4.25
睾酮	ng/mL	1.10	0.837 – 1.37	3.79	3.05 – 4.53	6.96	5.65 – 8.27
黄体酮	ng/mL	0.595	0.409 – 0.781	9.76	7.62 – 11.9	27.3	21.4 – 33.2
黄体酮 (II) (2)	ng/mL	0.510	0.350 – 0.670	9.09	7.64 – 10.6	24.6	20.6 – 28.5
黄体酮 (P4DE)	ng/mL	0.353	0.234 – 0.480	7.66	5.83 – 9.53	23.7	18.2 – 29.5
黄体酮 (UniCel Dxl 9000) (II) (2)	ng/mL	0.530	0.370 – 0.690	9.21	7.74 – 10.7	24.1	20.3 – 28.0
甲胎蛋白 (AFP)	ng/mL	18.9	13.7 – 24.0	103	77.5 – 129	226	170 – 282
卵泡刺激素 (hFSH)	mIU/mL	11.9	9.03 – 14.8	25.0	19.0 – 31.0	41.7	31.7 – 51.6
泌乳刺激素	ng/mL	6.13	4.98 – 7.29	18.0	14.8 – 21.2	37.0	30.5 – 43.4
泌乳刺激素 (338754 and above) (2)	ng/mL	6.69	5.35 – 8.03	18.7	14.9 – 22.4	40.8	32.7 – 49.0
泌乳刺激素 (UniCel Dxl 9000) (338754 and above) (2)	ng/mL	6.30	5.04 – 7.56	17.4	13.9 – 20.9	36.9	29.5 – 44.2
皮质醇	μg/dL	3.67	2.50 – 4.84	19.6	15.2 – 24.1	28.6	22.3 – 34.9
前列腺特异性抗原（游离）(Hybritech free PSA)	ng/mL	0.764	0.627 – 0.902	2.44	2.01 – 2.86	17.5	14.5 – >20.0
前列腺特异性抗原（游离）(WHO 96/668)	ng/mL	0.601	0.493 – 0.710	1.98	1.63 – 2.32	13.8	11.5 – >16.0
前列腺特异性抗原（总）(Hybritech PSA)	ng/mL	1.04	0.842 – 1.24	3.42	2.84 – 4.01	24.7	20.6 – 28.8
前列腺特异性抗原（总）(WHO 96/670)	ng/mL	0.879	0.711 – 1.05	2.66	2.21 – 3.12	19.2	16.0 – 22.4
人绒毛膜促性腺激素 (Total hCG) (5th IS)	mIU/mL	5.63	4.40 – 6.85	29.5	24.3 – 34.7	240	200 – 280
铁蛋白	ng/mL	48.0	37.9 – 58.1	144	111 – 177	366	280 – 453
维生素 B12	pg/mL	275	207 – 344	447	340 – 554	544	415 – 674
维生素 B12 (II) (Ref D06116) (2)	pg/mL	392	301 – 482	616	477 – 754	740	573 – 910
叶酸 (FOLW)	ng/mL	3.61	2.70 – 4.52	9.21	7.18 – 11.2	16.0	12.6 – 19.3
胰岛素 (Ultrasensitive Insulin)	μIU/mL	16.3	13.1 – 19.5	61.4	50.5 – 72.2	195	163 – 228
BECKMAN COULTER AU SYSTEMS							
Digoxin (Europe)	ng/mL	\$		\$		\$	
T4（总）(DRI)	μg/dL	5.68	4.53 – 6.83	11.2	9.85 – 12.5	12.9	11.5 – 14.3
苯巴比妥	μg/mL	8.81	6.62 – 11.0	22.5	17.7 – 27.3	47.2	37.6 – 56.7
苯妥英	μg/mL	6.40	4.67 – 8.13	14.3	10.4 – 18.2	25.1	18.3 – 32.0
丙戊酸	μg/mL	33.8	25.5 – 42.2	80.3	65.8 – 94.9	112	93.4 – 131
茶碱	μg/mL	4.73	3.70 – 5.76	14.2	10.2 – 18.2	25.7	18.0 – 33.4

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
BECKMAN COULTER AU SYSTEMS (续)							
地高辛	ng/mL	0.698	0.248 – 1.15	1.93	1.25 – 2.61	3.23	2.30 – 4.16
对乙酰氨基酚	μ g/mL	<10.0		32.7	26.3 – 39.0	101	82.5 – 119
对乙酰氨基酚 (Enzymatic Paracetamol, Europe)	μ g/mL	\$		\$		\$	
卡马西平	μ g/mL	2.63	<2.00 – 3.52	7.48	5.62 – 9.35	13.1	10.1 – 16.1
锂	mEq/L	0.500	0.336 – 0.664	1.22	1.04 – 1.40	1.85	1.65 – 2.05
免疫球蛋白 A (IgA)	mg/dL	171	135 – 206	167	131 – 202	153	122 – 184
免疫球蛋白 E (IgE) (Biomed)	IU/mL	\$		\$		\$	
免疫球蛋白 G (IgG)	mg/dL	823	704 – 941	809	691 – 928	725	601 – 849
免疫球蛋白 M (IgM)	mg/dL	66.0	55.7 – 76.3	65.7	55.4 – 76.0	58.7	48.9 – 68.4
庆大霉素	μ g/mL	2.35	1.80 – 2.90	5.05	3.85 – 6.25	7.40	5.63 – 9.17
水杨酸盐	mg/dL	4.03	2.93 – 5.13	15.1	12.3 – 17.9	43.8	36.5 – 51.2
铁蛋白	ng/mL	68.3	51.3 – 85.3	151	127 – 174	328	289 – 366
妥布霉素	μ g/mL	1.10	0.704 – 1.50	2.86	2.33 – 3.39	6.54	5.73 – 7.34
万古霉素	μ g/mL	6.58	4.69 – 8.47	15.8	12.4 – 19.1	26.9	21.8 – 32.0
BECKMAN COULTER SYNCHRON / UniCel DxC SERIES							
Salicylate	mg/dL	<4.00		15.3	12.8 – 17.8	44.0	39.3 – 48.7
苯巴比妥	μ g/mL	8.67	6.70 – 10.6	22.9	18.9 – 26.9	44.7	37.5 – 52.0
苯妥英	μ g/mL	6.75	5.63 – 7.87	14.6	12.4 – 16.9	23.9	20.2 – 27.5
丙戊酸	μ g/mL	\$		\$		\$	
茶碱	μ g/mL	\$		\$		\$	
地高辛	ng/mL	\$		\$		\$	
对乙酰氨基酚	μ g/mL	12.2	<10.0 – 18.0	40.1	31.6 – 48.6	118	101 – 134
卡马西平	μ g/mL	2.15	<2.00 – 2.81	6.87	5.61 – 8.13	12.1	10.1 – 14.0
锂 (Infinity)	mEq/L	\$		\$		\$	
庆大霉素	μ g/mL	\$		\$		\$	
铁	μ g/dL	84.6	74.4 – 94.8	77.0	67.4 – 86.7	73.0	63.6 – 82.3
妥布霉素	μ g/mL	\$		\$		\$	
万古霉素	μ g/mL	5.62	3.71 – 7.52	17.1	13.7 – 20.5	32.9	27.5 – 38.4
BECKMAN COULTER UniCel Dxl							
C-肽	ng/mL	\$		\$		\$	
T3（游离）(Free T3)	pg/mL	2.78	1.96 – 3.60	6.12	4.11 – 8.12	9.73	6.40 – 13.1
T3（总）(Total T3)	ng/mL	1.05	0.727 – 1.37	2.13	1.58 – 2.68	3.47	2.65 – 4.29
T3 摄取率/甲状腺素摄取率	% Uptake	45.1	37.0 – 53.2	47.8	39.3 – 56.2	52.6	43.4 – 61.7
T4（游离）(Free T4)	ng/dL	0.797	0.593 – 1.00	2.00	1.57 – 2.43	3.97	3.16 – 4.78
T4（总）(Total T4)	μ g/dL	5.36	3.69 – 7.02	10.7	8.01 – 13.3	14.6	11.3 – 18.0
癌胚抗原 (CEA2)	ng/mL	1.85	1.38 – 2.31	16.7	12.8 – 20.6	37.2	28.5 – 45.9
雌二醇 (Sensitive)	pg/mL	96.5	54.4 – 139	194	124 – 264	320	213 – 427
雌三醇（游离）(Unconjugated Estriol)	ng/mL	1.42	0.948 – 1.89	4.42	3.45 – 5.39	>6.90	
雌三醇（游离）(Unconjugated Estriol) (C22255) (2)	ng/mL	3.21	2.63 – 3.79	9.00	7.38 – >9.36	>9.36	
促黄体生成素 (LH) (hLH)	mIU/mL	1.32	0.959 – 1.68	16.4	12.7 – 20.2	60.1	46.5 – 73.7
促甲状腺激素 (TSH) (3rd IS)	μ IU/mL	0.469	0.381 – 0.557	5.21	4.10 – 6.32	32.3	25.3 – 39.3
促甲状腺激素 (TSH) (hTSH, HYPERsensitive)	μ IU/mL	0.407	0.345 – 0.468	5.36	4.11 – 6.62	31.2	23.6 – 38.8
地高辛	ng/mL	0.757	0.535 – 0.978	2.12	1.68 – 2.55	3.59	2.92 – 4.25
睾酮	ng/mL	1.09	0.853 – 1.33	3.49	2.72 – 4.27	6.29	4.89 – 7.69
黄体酮	ng/mL	0.633	0.389 – 0.878	10.4	7.49 – 13.3	31.1	24.1 – 38.1
黄体酮 (P4DE)	ng/mL	0.378	0.221 – 0.540	8.22	5.73 – 10.8	27.4	20.7 – 34.3
甲胎蛋白 (AFP)	ng/mL	15.1	11.2 – 19.0	83.4	61.5 – 105	177	130 – 224
卵泡刺激素 (hFSH)	mIU/mL	11.9	9.03 – 14.8	25.0	19.0 – 31.0	41.7	31.7 – 51.6
泌乳刺激素	ng/mL	6.02	4.73 – 7.30	17.6	14.0 – 21.3	35.8	28.4 – 43.2
泌乳刺激素 (338754 and above)	ng/mL	6.01	4.81 – 7.22	16.7	13.3 – 20.0	35.3	28.3 – 42.4
皮质醇	μ g/dL	3.44	2.31 – 4.57	18.0	13.7 – 22.3	28.3	21.7 – 34.9
前列腺特异性抗原（游离）(Hybritech free PSA)	ng/mL	0.749	0.588 – 0.910	2.41	1.92 – 2.90	17.6	14.1 – >20.0
前列腺特异性抗原（游离）(WHO 96/668)	ng/mL	0.589	0.463 – 0.716	1.95	1.51 – 2.35	13.9	11.1 – >16.0
前列腺特异性抗原（总）(Hybritech PSA)	ng/mL	1.01	0.803 – 1.22	3.25	2.61 – 3.89	24.1	19.5 – 28.8
前列腺特异性抗原（总）(WHO 96/670)	ng/mL	0.853	0.679 – 1.03	2.53	2.03 – 3.03	18.8	15.2 – 22.4

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
BECKMAN COULTER UniCel Dxl (续)							
人绒毛膜促性腺激素 (Total hCG) (5th IS)	mIU/mL	5.58	4.31 – 6.85	28.4	23.1 – 33.6	217	179 – 255
铁蛋白	ng/mL	46.8	36.1 – 57.5	140	106 – 174	374	283 – 464
脱氢表雄酮（硫酸盐）(DHEA-S)	μg/dL	63.5	46.0 – 81.0	149	111 – 188	448	336 – 560
维生素 B12	pg/mL	261	188 – 334	411	303 – 519	532	396 – 668
维生素 B12 (II) (Ref D06116) (2)	pg/mL	373	276 – 469	569	429 – 708	725	550 – 902
叶酸 (FOLW)	ng/mL	4.11	3.09 – 5.13	10.1	7.89 – 12.2	18.0	14.3 – 21.7
胰岛素 (Ultrasensitive Insulin)	μIU/mL	15.0	12.0 – 18.0	57.3	46.2 – 68.3	163	132 – 194
BIOM RIEUX VIDAS							
T3（游离）	pg/mL	2.75	1.83 – 3.68	7.72	5.64 – 9.81	14.4	10.7 – 18.0
T3（总）	ng/mL	0.883	0.636 – 1.13	2.23	1.78 – 2.69	3.36	2.73 – 4.00
T4（游离）(FT4N) (30459)	ng/dL	1.12	0.772 – 1.46	2.90	2.25 – 3.55	5.39	4.32 – 6.46
T4（总）	μg/dL	6.03	4.57 – 7.49	11.6	9.03 – 14.1	16.5	13.0 – 20.0
癌胚抗原 (S)	ng/mL	1.27	0.881 – 1.65	8.90	6.66 – 11.1	15.5	11.6 – 19.3
雌二醇 (II)	pg/mL	119	85.1 – 153	370	292 – 449	864	698 – 1030
促黄体生成素 (LH)	mIU/mL	1.40	1.16 – 1.65	15.6	12.4 – 18.7	60.6	48.1 – 73.1
促甲状腺激素 (TSH)	μIU/mL	0.413	0.206 – 0.620	6.14	4.75 – 7.53	38.9	30.6 – 47.3
促甲状腺激素 (TSH) (TSH3)	μIU/mL	0.359	0.161 – 0.557	5.10	3.93 – 6.26	31.7	24.9 – 38.6
地高辛	ng/mL	\$		\$		\$	
睾酮 (II) (414320)	ng/mL	1.07	0.488 – 1.65	3.57	2.46 – 4.67	6.84	5.05 – 8.64
黄体酮	ng/mL	0.640	<0.250 – 1.11	12.6	9.18 – 16.1	40.2	29.9 – 50.5
甲胎蛋白 (AFP)	ng/mL	18.1	12.1 – 24.2	105	71.6 – 139	240	167 – 313
卵泡刺激素	mIU/mL	11.0	8.63 – 13.4	22.9	18.0 – 27.7	50.8	40.2 – 61.4
泌乳刺激素	ng/mL	5.55	3.38 – 7.71	19.0	13.8 – 24.2	37.5	28.1 – 47.0
免疫球蛋白 E (IgE) (Total)	IU/mL	379	209 – 548	133	78.7 – 188	114	68.3 – 159
皮质醇 (S)	ng/mL	28.4	16.4 – 40.4	172	111 – 233	300	195 – 406
前列腺特异性抗原（游离）	ng/mL	0.710	0.534 – 0.886	2.31	1.84 – 2.78	>10.0	
前列腺特异性抗原（总）	ng/mL	1.08	0.760 – 1.40	3.67	2.73 – 4.61	24.6	18.6 – 30.5
人绒毛膜促性腺激素	mIU/mL	5.87	3.86 – 7.87	30.0	21.4 – 38.5	323	240 – 407
铁蛋白	ng/mL	61.1	40.9 – 81.2	157	104 – 210	420	276 – 563
Boditech AFIAS Series (2)							
T3（总）	ng/mL	2.34	1.64 – 3.04	3.05	2.13 – 3.96	4.15	2.91 – 5.40
T4（总）	μg/dL	5.74	4.30 – 7.17	9.34	7.01 – 11.7	12.0	9.01 – 15.0
癌胚抗原	ng/mL	▲		▲		▲	
癌胚抗原 (AFIAS CEA Plus)	ng/mL	<1.00		9.13	6.85 – 11.4	15.6	11.7 – 19.4
促黄体生成素 (LH)	mIU/mL	1.26	<1.00 – 2.43	18.0	13.5 – 22.5	65.8	46.8 – 82.3
促黄体生成素 (LH) (AFIAS LH Plus)	mIU/mL	▲		▲		▲	
促甲状腺激素 (TSH)	μIU/mL	0.450	0.290 – 0.610	5.75	4.31 – 7.19	33.5	25.1 – 41.9
促甲状腺激素 (TSH) (AFIAS TSH Plus)	μIU/mL	0.440	0.330 – 0.550	6.68	5.01 – 8.35	35.6	20.9 – >50.0
睾酮	ng/mL	1.51	1.14 – 1.89	4.94	3.70 – 6.17	7.48	5.61 – 9.35
甲胎蛋白 (AFP) (AFIAS AFP Plus)	ng/mL	16.8	12.6 – 21.0	92.8	69.6 – 116	194	145 – 242
卵泡刺激素	mIU/mL	▲		▲		▲	
卵泡刺激素 (AFIAS FSH Plus)	mIU/mL	▲		▲		▲	
泌乳刺激素	ng/mL	9.31	6.98 – 11.6	29.1	21.8 – 36.4	65.7	49.3 – 82.1
泌乳刺激素 (AFIAS PRL Plus)	ng/mL	▲		▲		▲	
皮质醇	nmol/L	120	<80.0 – 166	599	449 – >800	785	589 – >800
前列腺特异性抗原（总）	ng/mL	0.870	0.660 – 1.09	3.16	2.37 – 3.95	22.8	17.1 – 28.5
前列腺特异性抗原（总）(AFIAS PSA Plus)	ng/mL	▲		▲		▲	
人绒毛膜促性腺激素 β 亚基 (AFIAS -HCG Plus)	mIU/mL	▲		▲		▲	
铁蛋白	ng/mL	54.5	40.8 – 68.1	185	138 – 231	466	350 – 583
Boditech iCHROMA Series (2)							
T3（总）	ng/mL	0.780	<0.500 – 1.54	2.04	0.790 – 3.28	3.10	1.45 – 4.76
T4（总）	μg/dL	9.00	6.75 – 11.3	14.3	10.7 – 17.9	17.5	13.1 – 21.9
癌胚抗原	ng/mL	<1.00		10.1	7.56 – 12.6	18.0	13.5 – 22.5
癌胚抗原 (ichroma CEA Plus)	ng/mL	▲		▲		▲	
促黄体生成素 (LH)	mIU/mL	1.26	<1.00 – 2.43	18.0	13.5 – 22.5	65.8	46.8 – 82.3

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
Boditech iCHROMA Series (2) (续)							
促甲状腺激素 (TSH)	μIU/mL	0.460	0.250 – 0.660	6.26	4.69 – 7.82	37.6	28.2 – 47.0
促甲状腺激素 (TSH) (ichroma TSH Plus)	μIU/mL	0.540	0.400 – 0.670	8.96	6.72 – 11.2	49.7	41.5 – >50.0
睾酮	ng/mL	1.51	1.14 – 1.89	4.94	3.70 – 6.17	7.48	5.61 – 9.35
甲胎蛋白 (AFP)	ng/mL	15.4	11.5 – 19.2	91.5	68.6 – 114	206	155 – 258
甲胎蛋白 (AFP) (ichroma AFP Plus)	ng/mL	▲		▲		▲	
卵泡刺激素	mIU/mL	▲		▲		▲	
卵泡刺激素 (ichroma FSH Plus)	mIU/mL	▲		▲		▲	
泌乳刺激素	ng/mL	9.31	6.98 – 11.6	29.1	21.8 – 36.4	65.7	49.3 – 82.1
泌乳刺激素 (ichroma PRL Plus)	ng/mL	▲		▲		▲	
皮质醇	nmol/L	94.7	<50.0 – 113	503	359 – 629	696	522 – >800
前列腺特异性抗原（总）	ng/mL	0.860	0.640 – 1.07	3.11	2.33 – 3.89	21.8	16.3 – 27.2
前列腺特异性抗原（总） (ichroma PSA Plus)	ng/mL	▲		▲		▲	
人绒毛膜促性腺激素	mIU/mL	▲		▲		▲	
人绒毛膜促性腺激素 (ichroma -HCG Plus)	mIU/mL	▲		▲		▲	
铁蛋白	ng/mL	60.7	45.5 – 75.8	189	142 – 236	462	346 – 577
DIASORIN LIAISON (2)							
C-肽	ng/mL	1.40	1.12 – 1.68	6.20	4.96 – 7.44	8.44	6.75 – 10.1
T3（游离）	pg/mL	2.89	2.46 – 3.33	9.54	8.11 – 11.0	20.2	17.2 – 23.2
T3（总）	ng/dL	78.2	55.4 – 101	196	157 – 235	341	273 – 409
T4（游离）	ng/dL	0.973	0.827 – 1.12	2.80	2.38 – 3.22	5.99	5.09 – 6.89
T4（游离） (US only)	ng/dL	0.973	0.827 – 1.12	2.80	2.38 – 3.22	5.99	5.09 – 6.89
T4（总）	μg/dL	4.06	3.25 – 4.87	7.49	5.99 – 8.99	9.73	7.78 – 11.7
癌胚抗原	ng/mL	0.932	0.356 – 1.51	14.7	12.1 – 17.3	33.7	28.6 – 38.8
雌二醇 (II Gen) (310680)	pg/mL	85.4	57.2 – 114	179	125 – 232	265	186 – 345
促黄体生成素 (LH)	mIU/mL	1.48	1.23 – 1.73	23.8	20.2 – 27.4	97.5	82.9 – 112
促黄体生成素 (LH) (US only)	mIU/mL	1.48	1.23 – 1.73	23.8	20.2 – 27.4	97.5	82.9 – 112
促甲状腺激素 (TSH)	μIU/mL	0.519	0.441 – 0.597	5.94	5.00 – 6.88	40.1	34.1 – 46.1
促肾上腺皮质激素 (ACTH)	pg/mL	59.8	39.0 – 80.6	302	240 – 364	391	313 – 469
睾酮	ng/mL	0.540	0.350 – 0.740	2.21	1.55 – 2.87	4.06	2.84 – 5.27
黄体酮 (II Gen) (310690)	ng/mL	0.630	0.250 – 1.00	9.83	6.88 – 12.8	25.8	17.3 – 34.3
甲胎蛋白 (AFP)	IU/mL	14.5	12.3 – 16.7	78.8	67.0 – 90.6	172	146 – 198
降钙素	pg/mL	35.8	25.1 – 46.6	208	145 – 270	393	275 – 511
卵泡刺激素 →	mIU/mL	14.5	11.7 – 17.2	38.5	32.3 – 44.6	80.3	68.2 – 92.3
卵泡刺激素 (US only) →	mIU/mL	11.8	8.54 – 15.0	30.6	23.1 – 38.1	68.3	55.4 – 81.2
泌乳刺激素 (312151)	μIU/mL	151	115 – 187	472	378 – 566	1030	778 – 1280
泌乳刺激素 (xt)	μIU/mL	151	115 – 187	472	378 – 566	1030	778 – 1280
皮质醇	μg/dL	2.59	2.20 – 2.98	19.5	16.6 – 22.4	32.8	27.9 – 37.7
前列腺特异性抗原（游离）	ng/mL	0.475	0.359 – 0.591	1.80	1.49 – 2.11	12.2	10.4 – 14.0
前列腺特异性抗原（总）	ng/mL	0.702	0.458 – 0.946	2.78	2.18 – 3.38	21.4	18.2 – 24.6
醛固酮	ng/dL	12.1	8.48 – 15.7	26.1	18.2 – 33.9	63.5	44.5 – 82.6
人绒毛膜促性腺激素 (XL hCG) (REF 312321)	mIU/mL	5.82	3.84 – 7.80	31.9	27.1 – 36.7	235	150 – 320
人生长激素 (hGH)	ng/mL	4.00	2.99 – 5.01	8.92	6.20 – 11.6	16.7	10.8 – 22.7
铁蛋白	ng/mL	61.8	52.5 – 71.1	183	156 – 210	472	401 – 543
脱氢表雄酮（硫酸盐） (DHEA-Sulfate)	μg/dL	66.4	46.7 – 86.0	165	121 – 209	572	383 – >750
雄烯二酮	ng/mL	▲		▲		▲	
胰岛素	μIU/mL	21.2	17.8 – 24.6	75.5	61.5 – 86.6	219	179 – 259
DIASORIN LIAISON XL (2)							
C-肽	ng/mL	1.50	1.20 – 1.80	6.66	5.33 – 7.99	9.48	7.58 – 11.4
T3（游离）	pg/mL	3.03	2.57 – 3.49	10.5	8.93 – 12.1	22.4	19.0 – 25.8
T3（总）	ng/dL	62.1	47.8 – 76.4	151	121 – 181	287	229 – 345
T4（游离）	ng/dL	0.985	0.837 – 1.13	2.99	2.54 – 3.44	6.88	5.85 – 7.91
T4（游离） (US only)	ng/dL	0.985	0.837 – 1.13	2.99	2.54 – 3.44	6.88	5.85 – >7.70
T4（总）	μg/dL	3.66	2.88 – 4.44	6.27	5.01 – 7.53	8.25	6.60 – 9.90
Testosterone XT	ng/mL	▲		▲		▲	
癌胚抗原	ng/mL	1.01	0.758 – 1.26	15.2	12.9 – 17.5	36.3	30.8 – 41.8

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
DIASORIN LIAISON XL (2) (续)							
雌二醇 (II Gen) (310680)	pg/mL	86.0	57.6 – 114	177	124 – 231	271	190 – 352
促黄体生成素 (LH)	mIU/mL	1.76	1.42 – 2.11	25.6	21.8 – 29.4	106	90.1 – 122
促黄体生成素 (LH) (US Only)	mIU/mL	1.76	1.42 – 2.11	25.6	21.8 – 29.4	106	90.1 – 122
促甲状腺激素 (TSH)	μIU/mL	0.637	0.541 – 0.733	6.86	5.83 – 7.89	40.9	34.8 – 47.1
促肾上腺皮质激素 (ACTH)	pg/mL	50.0	37.6 – 62.4	274	219 – 329	371	297 – 445
睾酮	ng/mL	0.430	0.280 – 0.580	1.86	1.30 – 2.42	3.15	2.21 – 4.10
黄体酮 (II Gen) (310690)	ng/mL	0.530	0.210 – 0.850	9.67	6.77 – 12.6	25.8	17.3 – 34.4
甲胎蛋白 (AFP)	IU/mL	15.4	13.1 – 17.7	81.5	69.3 – 93.7	189	161 – 217
降钙素	pg/mL	32.6	22.8 – 42.4	195	136 – 253	365	256 – 475
卵泡刺激素	mIU/mL	14.6	12.4 – 16.8	38.1	32.4 – 43.8	88.1	74.9 – 101
卵泡刺激素 (US only)	mIU/mL	12.4	9.92 – 14.9	32.1	25.7 – 38.5	68.3	54.6 – 82.0
泌乳刺激素 (312151)	μIU/mL	154	92.4 – 216	459	301 – 617	1000	684 – 1320
泌乳刺激素 (xt)	μIU/mL	154	92.4 – 216	459	301 – 617	1000	684 – 1320
皮质醇	μg/dL	2.01	1.59 – 2.43	18.7	15.0 – 22.4	33.8	26.7 – 40.9
前列腺特异性抗原（游离）	ng/mL	0.484	0.368 – 0.600	1.75	1.49 – 2.01	12.0	10.2 – 13.8
前列腺特异性抗原（总）	ng/mL	0.683	0.551 – 0.815	2.71	2.30 – 3.12	20.9	17.8 – 24.1
醛固酮	ng/dL	13.4	8.60 – 18.3	28.6	20.0 – 37.1	68.9	48.2 – 89.6
人绒毛膜促性腺激素 (XL hCG) (REF 312321)	mIU/mL	4.32	1.85 – 6.79	28.3	23.5 – 33.1	226	192 – 260
人生长激素 (hGH)	ng/mL	4.00	2.99 – 5.01	8.92	6.20 – 11.6	16.7	10.8 – 22.7
铁蛋白	ng/mL	68.6	58.3 – 78.9	196	167 – 225	498	423 – 573
脱氢表雄酮（硫酸盐）(DHEA-Sulfate)	μg/dL	66.4	46.7 – 86.0	165	121 – 209	572	383 – >750
雄烯二酮	ng/mL	▲		▲		▲	
胰岛素	μIU/mL	21.2	17.8 – 24.6	75.5	61.5 – 86.6	219	179 – 259
DiaSorin LIAISON XS (2)							
T3（游离）(311531)	pg/mL	2.82	2.40 – 3.24	9.40	7.99 – 10.8	19.6	16.7 – 22.5
T3（总）(311311)	ng/dL	75.0	60.0 – 90.0	181	145 – 217	301	241 – 361
T4（游离）(311611)	ng/dL	0.977	0.830 – 1.12	2.78	2.36 – 3.20	6.33	5.38 – 7.28
T4（总）(311411)	μg/dL	4.27	3.41 – 5.13	7.38	5.90 – 8.86	9.77	7.81 – 11.7
促黄体生成素 (LH) (312201)	mIU/mL	1.71	1.45 – 1.97	25.9	22.0 – 29.8	104	88.4 – 120
促甲状腺激素 (TSH) (311211)	μIU/mL	0.583	0.495 – 0.671	6.33	5.38 – 7.28	41.6	35.4 – 47.8
促肾上腺皮质激素 (ACTH) (313221)	pg/mL	47.3	34.2 – 60.4	267	185 – 349	363	290 – 436
卵泡刺激素 (312251) →	mIU/mL	14.7	12.5 – 16.9	39.7	33.7 – 45.6	88.5	75.2 – 102
泌乳刺激素 (xt) (312171)	mIU/L	159	127 – 191	503	402 – 604	1100	880 – 1320
皮质醇 (313261)	μg/dL	1.84	1.56 – 2.12	18.4	15.6 – 21.2	32.3	27.4 – 37.2
醛固酮	ng/dL	11.8	8.25 – 15.3	25.4	17.8 – 33.1	59.0	41.3 – 76.8
人绒毛膜促性腺激素 (XL hCG) (312321)	mIU/mL	4.74	3.31 – 6.17	29.2	24.0 – 34.4	229	190 – 268
铁蛋白 (313551)	ng/mL	68.4	55.9 – 80.9	189	154 – 224	494	405 – 583
Fujirebio LUMIPULSE G Series (2)							
C-肽 (Serum, Plasma)	ng/mL	1.22	0.980 – 1.46	5.86	4.69 – 7.03	8.26	6.61 – 9.91
T3（游离）(III)	pg/mL	3.18	2.55 – 3.81	8.38	6.71 – 10.1	16.0	12.8 – 19.1
T3（总）	ng/mL	0.950	0.760 – 1.14	2.34	1.88 – 2.80	4.25	3.40 – 5.10
T4（游离）(N)	ng/dL	0.810	0.650 – 0.970	2.01	1.61 – 2.41	3.89	3.12 – 4.66
T4（总）	μg/dL	5.88	4.71 – 7.05	12.2	9.77 – 14.7	18.3	14.6 – 21.9
癌胚抗原 (CEA-N)	ng/mL	0.700	0.600 – 0.800	21.5	17.2 – 25.8	48.2	38.6 – 57.8
雌二醇 (E2-III)	pg/mL	101	80.6 – 121	250	200 – 300	496	397 – 595
促黄体生成素 (LH)	mIU/mL	1.40	1.20 – 1.60	15.9	12.8 – 19.0	57.5	46.0 – 69.0
促甲状腺激素 (TSH) (TSHIII)	μIU/mL	0.395	0.316 – 0.474	4.78	3.83 – 5.74	29.2	23.3 – 35.0
睾酮	ng/mL	1.35	1.08 – 1.62	4.67	3.74 – 5.60	8.91	7.13 – 10.7
黄体酮 (PRG-N)	ng/mL	0.600	0.480 – 0.720	10.6	8.51 – 12.8	29.4	23.6 – 35.3
甲胎蛋白 (AFP) (AFP-N)	ng/mL	18.4	14.8 – 22.0	104	83.4 – 125	224	179 – 269
卵泡刺激素 (Product No. 230923)	mIU/mL	9.70	7.80 – 11.6	19.5	15.6 – 23.4	41.2	33.0 – 49.4
卵泡刺激素 (Product No. 292693)	mIU/mL	13.5	10.8 – 16.2	26.7	21.4 – 32.0	55.4	44.4 – 66.4
泌乳刺激素	ng/mL	8.70	7.00 – 10.4	25.7	20.6 – 30.8	56.8	45.5 – 68.1
免疫球蛋白 E (IgE)	IU/mL	346	277 – 415	141	113 – 170	119	95.5 – 143
前列腺特异性抗原（游离）	ng/mL	0.374	0.300 – 0.448	1.35	1.08 – 1.62	9.87	7.90 – 11.8

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
Fujirebio LUMIPULSE G Series (2) (续)							
前列腺特异性抗原（总）(PSA-N)	ng/mL	0.674	0.540 – 0.808	2.46	1.97 – 2.95	17.3	13.8 – 20.7
人绒毛膜促性腺激素 (Beta)	mIU/mL	4.20	3.40 – 5.00	28.3	22.7 – 33.9	228	183 – 274
铁蛋白 (N)	ng/mL	43.7	35.0 – 52.4	148	119 – 178	403	323 – 484
胰岛素 (N)	μIU/mL	16.2	13.0 – 19.4	59.4	47.6 – 71.2	171	136 – 205
IDS-iSYS (2)							
人生长激素 (hGH) (IS-3700)	ng/mL	3.88	2.83 – 4.92	8.48	6.44 – 10.5	14.9	11.8 – 18.1
Mindray CL Series/ Wiener Lab CLIA Series (2)							
C-肽	ng/mL	0.950	0.690 – 1.20	5.29	3.86 – 6.72	7.71	5.63 – 9.80
T3（游离）	pg/mL	2.86	1.94 – 3.77	7.56	5.14 – 9.98	12.6	8.58 – 16.7
T3（总）	ng/mL	0.820	0.550 – 1.08	1.83	1.24 – 2.42	2.77	1.88 – 3.65
T4（游离）(Ref: FT4 105-0042XX-00)	ng/dL	1.31	0.950 – 1.66	3.14	2.29 – 3.99	5.54	4.04 – >6.00
T4（游离）(Ref: FT4 11X)	ng/dL	0.960	0.700 – 1.22	2.37	1.73 – 3.01	3.91	2.86 – 4.97
T4（总）(Ref: T4 105-0042XX-00)	μg/dL	5.22	3.55 – 6.90	10.6	7.18 – 13.9	14.2	9.65 – 18.7
T4（总）(Ref: T4 11X)	μg/dL	5.22	3.55 – 6.90	10.6	7.18 – 13.9	14.2	9.65 – 18.7
癌胚抗原	ng/mL	0.580	0.420 – 0.740	19.3	13.9 – 24.2	42.1	30.7 – 53.4
雌二醇 (Lot 230501 & earlier)	pg/mL	82.4	56.0 – 109	228	155 – 302	471	320 – 622
雌二醇 (Lot 231001 & later)	pg/mL	122	83.1 – 161	261	178 – 345	485	330 – 641
雌三醇（游离）	ng/mL	1.48	1.08 – 1.88	4.79	3.49 – 6.08	16.1	11.7 – 20.4
促黄体生成素 (LH)	mIU/mL	2.14	1.56 – 2.72	21.8	15.9 – 27.7	74.5	54.4 – 94.6
促甲状腺激素 (TSH) (Ref: TSH 105-0042XX-00)	μIU/mL	0.400	0.270 – 0.530	4.92	3.35 – 6.50	30.8	21.0 – 40.7
促甲状腺激素 (TSH) (Ref: TSH 11X)	μIU/mL	0.550	0.400 – 0.700	6.06	4.42 – 7.69	40.3	29.4 – 51.1
睾酮 (II)	ng/mL	1.24	0.840 – 1.64	3.86	2.62 – 5.09	6.99	4.75 – 9.22
睾酮 (Ref: TESTO 105-0025XX-00)	ng/mL	0.570	0.420 – 0.730	4.29	3.13 – 5.45	10.2	7.44 – 12.9
睾酮 (Ref: TESTO 11X)	ng/mL	1.40	1.02 – 1.78	5.80	4.23 – 7.36	11.6	8.46 – 14.7
黄体酮	ng/mL	0.620	0.450 – 0.790	12.9	9.41 – 16.4	38.7	28.3 – >40.0
黄体酮 (II)	ng/mL	0.500	0.340 – 0.660	9.81	6.67 – 12.9	25.7	17.5 – 33.9
甲胎蛋白 (AFP)	IU/mL	13.5	9.88 – 17.2	78.8	57.5 – 100	173	127 – 220
卵泡刺激素 (Lot 231101 & earlier)	mIU/mL	11.8	8.58 – 14.9	27.6	20.1 – 35.0	61.9	45.2 – 78.6
卵泡刺激素 (Lot 240401 & later)	mIU/mL	9.59	5.75 – 13.4	23.1	13.9 – 32.4	51.9	31.1 – 72.6
泌乳刺激素	ng/mL	9.02	6.13 – 11.9	24.6	16.7 – 32.5	53.1	36.1 – 70.1
皮质醇	μg/dL	3.18	2.32 – 4.04	17.3	12.7 – 22.0	27.0	19.7 – 34.3
前列腺特异性抗原（游离）	ng/mL	0.530	0.390 – 0.670	1.84	1.34 – 2.33	13.6	9.93 – 17.3
前列腺特异性抗原（总）	ng/mL	0.880	0.640 – 1.11	3.15	2.30 – 4.01	22.6	16.5 – 28.6
人绒毛膜促性腺激素	mIU/mL	5.48	3.73 – 7.24	25.5	17.3 – 33.6	191	130 – 253
人绒毛膜促性腺激素 (II)	mIU/mL	6.06	3.64 – 8.49	25.9	15.5 – 36.2	351	211 – 491
人绒毛膜促性腺激素 (Mindray CL-900i)	mIU/mL	5.36	3.64 – 7.07	24.2	16.5 – 31.9	182	124 – 240
铁蛋白	ng/mL	60.3	44.0 – 76.6	221	161 – 281	612	447 – 778
脱氢表雄酮（硫酸盐）	μg/dL	67.8	49.5 – 86.1	199	145 – 253	653	477 – 829
维生素 B12	pg/mL	431	314 – 547	648	473 – 823	754	551 – 958
叶酸	ng/mL	§		§		§	
胰岛素	μIU/mL	20.1	14.7 – 25.5	74.5	54.4 – 94.6	226	165 – 287
ORTHO VITROS MICROSLIDE SERIES							
苯妥英 (PHYT)	μg/mL	5.77	4.52 – 7.01	14.0	11.2 – 16.7	24.8	20.2 – 29.4
茶碱 (THEO)	μg/mL	4.38	2.53 – 6.23	13.6	10.7 – 16.5	29.3	24.7 – 34.0
地高辛 (DGXN)	ng/mL	0.692	<0.400 – 1.08	1.57	1.11 – 2.02	2.97	2.41 – 3.53
对乙酰氨基酚 (ACET)	μg/mL	<10.0		39.4	31.8 – 46.9	130	110 – 150
卡马西平 (CRBM)	μg/mL	<3.00		6.43	4.97 – 7.88	11.0	8.71 – 13.3
锂 (Li)	mmol/L	0.780	0.590 – 0.970	1.70	1.46 – 1.94	2.48	2.21 – 2.76
水杨酸盐 (SALI)	mg/dL	4.93	4.09 – 5.77	17.5	15.5 – 19.5		36.7 – >40.0
铁 (Fe)	μg/dL	86.4	76.0 – 96.9	72.4	62.1 – 82.6	66.0	55.7 – 76.3
ORTHO VITROS MICROTIP SERIES							
丙戊酸 (VALP)	μg/mL	34.2	22.7 – 45.7	75.8	57.9 – 93.6	110	86.9 – 133
庆大霉素 (GENT)	μg/mL	2.48	2.04 – 2.91	4.86	3.92 – 5.79	7.76	6.21 – 9.32
妥布霉素 (TOBRA)	μg/mL	§		§		§	
万古霉素 (VANC)	μg/mL	6.07	<5.00 – 7.70	15.2	12.4 – 18.0	25.8	21.7 – 30.0

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
ORTHO VITROS MICROWELL SERIES							
C-肽 (2)	ng/mL	1.15	0.865 – 1.44	5.74	4.29 – 7.19	7.94	5.94 – 9.94
T3（游离） (FT3 II) (2)	pg/mL	5.29	4.06 – 6.49	15.1	11.9 – 18.3	>22.7	
T3（游离） (FT3) (2)	pg/mL	6.05	4.66 – 7.47	19.5	13.9 – >22.7	>22.7	
T3（总） (TT3)	nmol/L	1.60	1.31 – 1.89	3.66	3.01 – 4.31	6.22	5.13 – 7.31
T3（总） (TT3-2) (2)	nmol/L	\$		\$		\$	
T3 摄取率/甲状腺素摄取率 (T3U)	% Uptake	39.9	34.8 – 44.9	50.5	45.3 – 55.7	>65.0	
T3 摄取率/甲状腺素摄取率 (T3U-2) (2)	% Uptake	\$		\$		\$	
T4（游离） (FT4)	ng/dL	1.50	1.19 – 1.80	5.77	4.92 – 6.61	>6.98	
T4（总） (TT4) (2)	μ g/dL	4.94	4.01 – 5.87	10.5	8.68 – 12.4	14.7	12.1 – 17.2
癌胚抗原	ng/mL	1.84	1.41 – 2.27	16.1	13.6 – 18.6	37.1	31.4 – 42.8
雌二醇 (E2) (2)	pg/mL	91.5	35.2 – 148	324	205 – 444	820	550 – 1091
促黄体生成素 (LH)	mIU/mL	0.941	0.538 – 1.34	19.1	15.9 – 22.4	64.6	54.2 – 75.1
促甲状腺激素 (TSH)	μ IU/mL	0.240	0.174 – 0.306	4.41	3.61 – 5.20	28.3	23.3 – 33.3
睾酮 (2)	ng/dL	116	73.5 – 158	496	343 – 648	1095	784 – 1406
黄体酮 (Prog) (2)	ng/mL	0.692	0.381 – 1.00	10.2	7.58 – 12.8	30.1	23.1 – 37.1
甲胎蛋白 (AFP) (2) (3)	IU/mL	13.9	10.8 – 17.0	77.2	60.3 – 94.1	162	123 – 201
卵泡刺激素 (2)	mIU/mL	7.80	5.86 – 9.74	20.3	16.5 – 24.1	41.6	32.6 – 50.6
泌乳刺激素 (Prol)	ng/mL	7.19	5.61 – 8.77	17.8	14.6 – 20.9	36.1	30.2 – 42.0
皮质醇 (Cort)	μ g/dL	3.32	2.59 – 4.04	18.1	14.6 – 21.7	27.9	22.5 – 33.3
前列腺特异性抗原（游离） (fPSA) (2)	ng/mL	0.443	0.325 – 0.561	1.51	1.11 – 1.91	11.4	8.42 – 14.4
前列腺特异性抗原（总） (PSA) (680 1756)	ng/mL	0.742	0.591 – 0.894	2.31	1.86 – 2.76	14.2	11.5 – 16.9
前列腺特异性抗原（总） (tPSA) (684 2844) (2)	ng/mL	0.771	0.565 – 0.977	2.83	2.07 – 3.59	20.9	15.3 – 26.5
人绒毛膜促性腺激素 (B-hCG)	mIU/mL	5.98	3.94 – 8.02	25.3	20.4 – 30.2	294	248 – 340
铁蛋白 (Ferr)	ng/mL	50.2	38.3 – 62.1	136	105 – 166	349	278 – 421
维生素 B12	pg/mL	365	287 – 443	652	486 – 819	793	583 – >1000
叶酸 (2)	ng/mL	2.18	1.27 – 3.09	6.36	4.24 – 8.48	13.6	9.10 – 18.1
叶酸 (Fol/RCFol)	ng/mL	3.06	1.68 – 4.43	8.63	5.42 – 11.8	18.5	12.2 – >20.0
胰岛素 (2) (3)	μ IU/mL	15.3	9.69 – 20.9	60.4	41.9 – 78.9	173	120 – 226
PerkinElmer AUTODELFIA (2)							
雌三醇（游离） (Unconjugated, uE3)(B095-101)	ng/mL	2.67	1.87 – 3.46	7.32	5.19 – 9.51	>14.4	
促甲状腺激素 (TSH) (hTSH Ultra)	μ IU/mL	0.430	0.340 – 0.520	4.93	3.90 – 5.90	33.0	26.0 – 40.0
甲胎蛋白 (AFP) (hAFP)	ng/mL	17.6	14.5 – 21.7	91.1	72.3 – 110	195	157 – 234
人绒毛膜促性腺激素	mIU/mL	<10.0		25.6	19.0 – 32.0	304	243 – 365
PerkinElmer DELFIA Xpress (2)							
雌三醇（游离） (Unconjugated, uE3)	ng/mL	2.19	1.53 – 2.85	7.52	5.19 – 9.80	>14.4	
甲胎蛋白 (AFP) (hAFP)	ng/mL	17.6	14.5 – 21.7	93.5	74.7 – 112	198	158 – 237
人绒毛膜促性腺激素	mIU/mL	5.10	3.60 – 6.60	23.6	18.0 – 30.0	260	208 – 312
ROCHE / HITACHI COBAS C SYSTEMS							
阿米卡星	μ g/mL	4.41	3.32 – 5.50	13.1	11.5 – 14.8	25.4	22.9 – 27.9
苯巴比妥	μ g/mL	9.85	7.67 – 12.0	25.3	21.4 – 29.2	49.3	42.7 – 55.8
苯妥英	μ g/mL	6.40	4.88 – 7.92	14.4	11.7 – 17.2	25.7	21.2 – 30.2
丙戊酸	μ g/mL	34.0	25.9 – 42.0	79.4	63.7 – 95.1	111	90.3 – 132
茶碱	μ g/mL	4.93	4.01 – 5.85	15.0	12.8 – 17.1	27.9	24.2 – 31.5
地高辛	ng/mL	0.895	0.596 – 1.19	2.18	1.78 – 2.59	3.63	3.11 – 4.16
对乙酰氨基酚 (ACET2) (REF 06769942190)	μ g/mL	8.72	6.83 – 10.6	32.4	27.2 – 37.6	102	86.4 – 117
卡马西平 (CARB4)	μ g/mL	3.06	2.37 – 3.74	7.99	6.72 – 9.25	13.6	11.6 – 15.5
锂	mg/dL	0.343	0.225 – 0.461	0.867	0.726 – 1.01	1.30	1.13 – 1.46
庆大霉素 (GENT2)	μ g/mL	2.00	0.965 – 3.04	4.41	2.96 – 5.86	6.56	4.62 – 8.51
庆大霉素 (QMS)	μ g/mL	2.04	1.31 – 2.77	4.35	3.32 – 5.39	6.91	5.52 – 8.30
水杨酸盐	mg/dL	4.01	3.41 – 4.61	16.1	14.4 – 17.8	44.5	40.3 – 48.8
铁	μ g/dL	80.4	61.9 – 98.9	75.0	56.5 – 93.5	71.0	52.5 – 89.5
铁 (TIBC)	μ g/dL	273	239 – 308	258	224 – 291	234	202 – 266
铁蛋白	ng/mL	77.6	64.0 – 91.3	175	138 – 212	399	307 – 491
妥布霉素	μ g/mL	1.14	0.844 – 1.44	2.87	2.41 – 3.33	6.91	6.08 – 7.73
万古霉素 (VANC3)	μ g/mL	6.45	4.41 – 8.49	18.0	14.2 – 21.7	30.0	24.5 – 35.5

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
ROCHE COBAS INTEGRA							
苯巴比妥	μg/mL	\$		\$		\$	
苯妥英	μg/mL	\$		\$		\$	
丙戊酸	μg/mL	\$		\$		\$	
茶碱	μg/mL	\$		\$		\$	
对乙酰氨基酚 (ACET2)	μg/mL	\$		\$		\$	
卡马西平	μg/mL	\$		\$		\$	
锂	mEq/L	\$		\$		\$	
庆大霉素	μg/mL	\$		\$		\$	
万古霉素	μg/mL	\$		\$		\$	
ROCHE ELECSYS / E170 / COBAS e SYSTEMS							
C-肽	ng/mL	1.37	1.04 – 1.70	5.91	4.84 – 6.97	8.22	6.78 – 9.66
Insulin	μIU/mL	17.5	14.2 – 20.7	67.1	56.1 – 78.1	186	156 – 215
Prostate Specific Antigen, Free (fPSA) (Cobas e411/e601/602)	ng/mL	0.529	0.442 – 0.615	1.76	1.48 – 2.04	12.8	10.8 – 14.9
Prostate Specific Antigen, Free (fPSA) (Cobas e801/e402)	ng/mL	0.515	0.430 – 0.599	1.69	1.42 – 1.96	12.0	10.1 – 13.9
Prostate Specific Antigen, Total (e411/e601/602) (tPSA)	ng/mL	0.897	0.745 – 1.05	3.06	2.59 – 3.54	20.9	17.8 – 24.1
Prostate specific Antigen, Total (tPSA) (Cobas e801/e402)	ng/mL	0.849	0.699 – 0.998	2.91	2.44 – 3.38	20.3	17.1 – 23.4
T3 Total	ng/mL	1.17	0.895 – 1.45	2.57	2.02 – 3.11	3.92	3.15 – 4.70
T3 Uptake/T-Uptake	TBI	0.946	0.807 – 1.08	0.616	0.437 – 0.795	0.302	<0.200 – 0.520
T3（游离）(III)	pg/mL	3.35	2.76 – 3.94	8.90	7.62 – 10.2	16.2	14.0 – 18.3
T4 Total	μg/dL	5.25	4.11 – 6.39	9.81	7.74 – 11.9	12.8	10.1 – 15.5
T4（游离）(II)	ng/dL	1.04	0.918 – 1.16	2.49	2.05 – 2.94	4.60	3.67 – 5.52
T4（游离）(III)	ng/dL	\$		\$		\$	
T4（游离）(IV)	ng/dL	1.13	0.996 – 1.26	2.69	2.23 – 3.15	4.98	4.04 – 5.93
Vitamin B12 (II) (E170/e601/e602/e411)	pg/mL	419	327 – 510	646	530 – 762	746	619 – 873
癌胚抗原	ng/mL	2.13	1.56 – 2.70	14.8	12.4 – 17.3	31.6	26.7 – 36.5
雌二醇 (III)	pg/mL	97.7	74.5 – 121	209	175 – 244	355	305 – 404
促黄体生成素 (LH)	mIU/mL	2.22	1.74 – 2.69	21.0	17.7 – 24.2	69.5	59.0 – 80.0
促甲状腺激素 (TSH)	μIU/mL	0.492	0.439 – 0.544	5.68	4.98 – 6.37	35.8	31.4 – 40.2
促肾上腺皮质激素 (ACTH)	pg/mL	23.4	2.45 – 44.4	99.3	8.81 – 190	138	12.1 – 264
地高辛	ng/mL	0.761	0.573 – 0.949	2.02	1.67 – 2.36	3.70	3.14 – 4.26
睾酮 (II)	ng/mL	1.51	1.13 – 1.89	4.38	3.55 – 5.22	7.73	6.37 – 9.09
黄体酮 (III)	ng/mL	0.689	0.378 – 1.00	10.8	8.98 – 12.6	28.7	24.3 – 33.2
甲胎蛋白 (AFP)	ng/mL	18.0	13.2 – 22.9	101	78.5 – 124	218	170 – 266
甲状腺球蛋白 (Tg) (II)	ng/mL	7.64	5.93 – 9.35	10.8	8.59 – 13.1	9.47	7.38 – 11.6
降钙素	pg/mL	46.4	28.2 – 64.6	251	174 – 328	477	335 – 619
卵泡刺激素	mIU/mL	9.98	8.23 – 11.7	20.6	16.9 – 24.3	43.6	35.7 – 51.4
泌乳刺激素	ng/mL	8.13	6.77 – 9.49	23.7	19.7 – 27.6	53.7	44.7 – 62.6
免疫球蛋白 E (IgE)	ng/mL	971	703 – 1238	378	237 – 520	321	191 – 450
皮质醇 (II)	μg/dL	3.71	2.86 – 4.55	17.8	14.4 – 21.2	26.8	21.8 – 31.8
人绒毛膜促性腺激素 (+)	mIU/mL	4.46	3.40 – 5.51	25.1	20.6 – 29.6	234	195 – 273
人绒毛膜促性腺激素 (STAT)	mIU/mL	4.05	3.06 – 5.03	23.8	19.5 – 28.1	245	206 – 284
人生长激素 (hGH)	ng/mL	4.22	2.97 – 5.47	9.00	6.84 – 11.2	15.6	12.2 – 19.1
铁蛋白	ng/mL	84.7	68.6 – 101	210	169 – 251	467	376 – 558
脱氢表雄酮（硫酸盐）(DHEA-Sulfate)	μg/dL	96.4	73.7 – 119	235	185 – 285	791	632 – 950
维生素 B12 (II) (cobas e801/e402)	pg/mL	330	246 – 414	506	405 – 607	587	477 – 697
叶酸 (Fol III)	ng/mL	2.74	1.64 – 3.85	8.07	5.89 – 10.2	14.9	10.9 – 18.9
叶酸 (Fol III) (USA only)	ng/mL	\$		\$		\$	
ROCHE HITACHI / MODULAR							
苯巴比妥	μg/mL	9.85	7.67 – 12.0	25.3	21.4 – 29.2	49.3	42.7 – 55.8
苯妥英	μg/mL	6.40	4.88 – 7.92	14.4	11.7 – 17.2	25.7	21.2 – 30.2
丙戊酸	μg/mL	34.0	25.9 – 42.0	79.4	63.7 – 95.1	111	90.3 – 132
茶碱	μg/mL	4.93	4.01 – 5.85	15.0	12.8 – 17.1	27.9	24.2 – 31.5
铁	μg/dL	80.4	61.9 – 98.9	75.0	56.5 – 93.5	71.0	52.5 – 89.5
妥布霉素	μg/mL	1.14	0.844 – 1.44	2.87	2.41 – 3.33	6.91	6.08 – 7.73

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
SIEMENS ADVIA CENTAUR CP							
C-肽 (CpS)	ng/mL	1.04	0.592 – 1.48	4.87	3.38 – 6.37	6.99	4.92 – 9.06
Ferritin (FER)	ng/mL	49.1	34.3 – 63.9	156	108 – 203	405	281 – 529
Insulin (IRI)	μIU/mL	19.0	13.5 – 24.5	65.6	48.6 – 82.6	193	144 – 241
PSA, Complexed (cPSA)	ng/mL	0.254	0.177 – 0.330	0.893	0.650 – 1.14	5.38	3.73 – 7.04
T3（游离）(FT3)	pg/mL	3.56	3.02 – 4.09	8.14	6.91 – 9.37	14.0	11.9 – 16.1
T3（总）(T3)	ng/mL	0.984	0.689 – 1.28	2.45	1.75 – 3.14	4.15	2.98 – 5.31
T3 摄取率/甲状腺素摄取率 (TUp)	T Uptake Unit	1.27	1.04 – 1.50	1.53	1.26 – 1.81	1.88	1.56 – 2.21
T4（游离）(FT4)	ng/dL	0.807	0.617 – 0.996	1.85	1.45 – 2.25	3.22	2.55 – 3.89
T4（总）(T4)	μg/dL	5.00	3.57 – 6.43	10.9	8.22 – 13.6	15.1	11.5 – 18.7
Testosterone II (TSTII)	ng/dL	135	79.6 – 191	371	257 – 485	595	425 – 765
癌胚抗原	ng/mL	0.768	<0.500 – 1.42	15.5	12.2 – 18.9	40.0	31.9 – 48.0
苯巴比妥 (PHNB)	μg/mL	11.8	8.39 – 15.2	29.5	21.2 – 37.8	64.5	46.8 – >80.0
苯妥英 (PHTN)	μg/mL	7.59	5.43 – 9.74	16.7	11.8 – 21.6	30.4	21.4 – 39.4
丙戊酸 (VALP)	μg/mL	33.7	26.2 – 41.2	80.6	64.9 – 96.2	118	95.7 – 140
茶碱 (THEO2)	μg/mL	4.82	3.74 – 5.89	14.0	11.5 – 16.5	25.1	20.8 – 29.3
雌二醇 (eE2)	pg/mL	99.1	62.8 – 135	286	214 – 358	666	520 – 813
促黄体生成素 (LH)	mIU/mL	1.67	1.17 – 2.17	16.6	12.9 – 20.3	58.4	45.7 – 71.1
促甲状腺激素 (TSH)	μIU/mL	0.438	0.269 – 0.607	5.75	3.68 – 7.83	42.1	27.1 – 57.0
促甲状腺激素 (TSH) (TSH3-UL)	μIU/mL	0.402	0.246 – 0.558	5.05	3.23 – 6.87	32.7	20.9 – 44.4
促甲状腺激素 (TSH) (TSH3ULII)	μIU/mL	0.401	0.321 – 0.481	5.33	4.26 – 6.40	35.4	28.4 – 42.5
地高辛 (DIG)	ng/mL	0.845	0.650 – 1.04	2.15	1.74 – 2.56	3.85	3.17 – 4.53
黄体酮 (PRGE)	ng/mL	0.872	0.457 – 1.29	8.83	6.62 – 11.0	23.4	17.9 – 28.9
甲胎蛋白 (AFP)	ng/mL	16.3	11.9 – 20.7	95.2	73.2 – 117	199	154 – 244
卡马西平 (CARB)	μg/mL	2.81	1.68 – 3.93	7.22	4.89 – 9.55	12.5	8.67 – 16.2
卵泡刺激素	mIU/mL	9.63	6.91 – 12.3	22.4	16.7 – 28.1	50.2	37.9 – 62.5
卵泡刺激素 (Rgt lot 033280 & above, Cal CB13 & above) (2)	mIU/mL	9.84	7.87 – 11.8	25.1	20.0 – 30.1	57.7	46.1 – 69.2
泌乳刺激素 (PRL)	ng/mL	5.73	4.41 – 7.06	15.9	11.8 – 19.9	34.8	25.7 – 44.0
免疫球蛋白 E (IgE) (IgEJ) (2)	IU/mL	375	281 – 469	130	98.8 – 161	114	86.6 – 141
免疫球蛋白 E (IgE) (tIgE)	IU/mL	375	262 – 489	130	88.7 – 171	114	77.6 – 150
皮质醇 (COR)	μg/dL	3.29	1.87 – 4.71	20.4	14.3 – 26.4	30.7	21.8 – 39.5
前列腺特异性抗原（总）(PSA)	ng/mL	0.854	0.678 – 1.03	2.88	2.17 – 3.60	20.7	15.3 – 26.2
庆大霉素 (GENT)	μg/mL	1.99	1.36 – 2.63	4.41	3.05 – 5.77	7.06	4.76 – 9.35
人绒毛膜促性腺激素 (ThCG)	mIU/mL	6.84	4.62 – 9.06	28.2	21.5 – 35.0	225	177 – 273
脱氢表雄酮（硫酸盐）(DHEAS)	μg/dL	67.2	45.4 – 89.0	174	124 – 224	530	387 – 673
万古霉素 (VANC)	μg/mL	5.30	3.00 – 7.60	14.1	10.1 – 18.2	22.2	16.5 – 27.9
维生素 B12 (VB12)	pg/mL	353	237 – 469	553	395 – 710	631	457 – 805
雄烯二酮	ng/mL	0.577	0.338 – 0.815	1.10	0.681 – 1.53	2.18	1.38 – 2.99
SIEMENS ADVIA CENTAUR SYSTEMS							
C-肽 (CpS)	ng/mL	1.12	0.657 – 1.58	5.18	3.62 – 6.74	7.34	5.20 – 9.48
Ferritin (FER)	ng/mL	52.7	41.5 – 64.0	157	120 – 193	435	330 – 540
Insulin (IRI)	μIU/mL	19.1	14.4 – 23.8	70.2	53.0 – 87.4	205	155 – 255
PSA, Complexed (cPSA)	ng/mL	0.295	0.217 – 0.374	0.945	0.741 – 1.15	5.63	4.51 – 6.74
T3（游离）(FT3)	pg/mL	3.29	2.89 – 3.69	7.58	6.50 – 8.67	13.5	11.4 – 15.5
T3（总）(T3)	ng/mL	1.01	0.719 – 1.30	2.25	1.75 – 2.75	3.76	3.00 – 4.51
T3 摄取率/甲状腺素摄取率 (TUp) (Unit)	T Uptake Unit	1.19	0.964 – 1.41	1.42	1.17 – 1.68	1.76	1.45 – 2.07
T4（游离）(FT4)	ng/dL	0.844	0.641 – 1.05	1.83	1.42 – 2.24	3.09	2.42 – 3.75
T4（总）(T4)	μg/dL	4.99	3.68 – 6.29	11.2	8.65 – 13.8	15.1	11.8 – 18.5
癌胚抗原	ng/mL	<0.500		16.5	13.0 – 20.1	39.6	31.6 – 47.5
苯巴比妥 (PHNB)	μg/mL	13.0	9.51 – 16.5	32.3	23.6 – 40.9	68.1	50.8 – >80.0
苯妥英 (PHTN)	μg/mL	7.45	5.38 – 9.53	16.8	12.3 – 21.2	30.4	22.5 – 38.3
丙戊酸 (VALP)	μg/mL	35.0	28.5 – 41.4	80.6	67.0 – 94.2	114	95.4 – 133
茶碱 (THEO2)	μg/mL	4.61	2.89 – 6.33	14.0	10.2 – 17.8	26.5	20.0 – 33.0
雌二醇 (eE2)	pg/mL	90.8	65.2 – 116	272	220 – 323	620	518 – 722
促黄体生成素 (LH)	mIU/mL	1.47	1.14 – 1.80	15.5	12.4 – 18.7	57.3	45.6 – 68.9
促甲状腺激素 (TSH)	μIU/mL	0.444	0.273 – 0.615	6.14	3.93 – 8.35	40.1	25.7 – 54.5

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
SIEMENS ADVIA CENTAUR SYSTEMS (续)							
促甲状腺激素 (TSH) (TSH3-UL)	μIU/mL	0.394	0.241 – 0.547	4.89	3.12 – 6.65	30.9	19.8 – 42.0
促甲状腺激素 (TSH) (TSH3ULII)	μIU/mL	0.404	0.323 – 0.485	5.36	4.29 – 6.43	34.9	27.9 – 41.9
地高辛 (DIG)	ng/mL	0.972	0.703 – 1.24	2.26	1.77 – 2.75	3.93	3.15 – 4.70
睾酮 (TSTII)	ng/dL	167	114 – 221	426	293 – 558	691	478 – 905
黄体酮 (PRGE)	ng/mL	0.745	0.329 – 1.16	8.64	6.43 – 10.8	21.7	16.5 – 26.9
甲胎蛋白 (AFP)	ng/mL	19.7	15.1 – 24.3	105	84.3 – 125	208	168 – 248
降钙素 (CALCT)	pg/mL	34.6	18.6 – 50.7	209	151 – 267	393	290 – 497
卡马西平 (CARB)	μg/mL	2.67	1.73 – 3.62	7.72	5.24 – 10.2	12.9	8.82 – 17.0
卵泡刺激素	mIU/mL	10.2	8.06 – 12.3	23.3	18.8 – 27.9	51.9	42.0 – 61.7
卵泡刺激素 (Rgt lot 033280 & above, Cal CB13 & above) (2)	mIU/mL	9.46	7.57 – 11.4	24.5	19.6 – 29.4	56.0	44.8 – 67.2
泌乳刺激素 (PRL)	ng/mL	5.05	4.16 – 5.95	14.5	11.6 – 17.3	32.0	25.5 – 38.5
免疫球蛋白 E (IgE) (IgEJ) (2)	IU/mL	370	278 – 463	133	101 – 165	114	86.6 – 141
免疫球蛋白 E (IgE) (tIgE)	IU/mL	370	289 – 450	133	105 – 160	114	90.6 – 138
皮质醇 (COR)	μg/dL	3.26	2.23 – 4.28	19.8	14.5 – 25.0	30.6	22.5 – 38.7
前列腺特异性抗原（游离）(fPSA)	ng/mL	0.485	0.405 – 0.565	1.69	1.41 – 1.97	12.0	10.0 – 14.1
前列腺特异性抗原（总）(PSA)	ng/mL	0.777	0.641 – 0.912	2.66	2.17 – 3.15	18.5	15.0 – 22.0
庆大霉素 (GENT)	μg/mL	2.16	1.61 – 2.71	4.93	3.60 – 6.26	7.86	5.70 – 10.0
人绒毛膜促性腺激素 (ThCG)	mIU/mL	6.65	3.54 – 9.76	33.0	26.0 – 40.1	230	193 – 266
脱氢表雄酮（硫酸盐）(DHEAS)	μg/dL	62.0	37.6 – 86.4	160	110 – 210	511	370 – 652
万古霉素 (VANC)	μg/mL	6.06	4.22 – 7.89	16.7	12.7 – 20.7	26.3	20.3 – 32.3
维生素 B12 (VB12)	pg/mL	328	220 – 435	477	337 – 616	585	422 – 748
雄烯二酮	ng/mL	0.619	<0.300 – 0.966	1.19	0.653 – 1.73	2.23	1.34 – 3.12
叶酸 (FOL)	ng/mL	1.89	0.863 – 2.92	5.62	3.28 – 7.96	9.37	5.70 – 13.0
SIEMENS ADVIA CHEMISTRY SYSTEMS							
Salicylate (SAL) (Cal. Lots 9520531 9520341 and above)	mg/dL	3.02	1.35 – 4.69	13.7	11.3 – 16.1	41.5	37.0 – 46.1
苯巴比妥 (PHNB_2)	μg/mL	9.32	7.10 – 11.5	23.1	17.9 – 28.2	47.9	37.2 – 58.6
苯妥英 (PHNY_2)	μg/mL	6.76	4.66 – 8.86	13.8	9.70 – 17.9	23.4	16.5 – 30.2
丙戊酸 (VPA_2)	μg/mL	35.8	28.9 – 42.8	80.1	64.5 – 95.6	113	90.4 – 135
茶碱 (THEO_2)	μg/mL	4.91	3.42 – 6.39	14.2	10.5 – 18.0	28.2	21.1 – 35.3
地高辛 (DIG)	ng/mL	0.602	0.378 – 0.825	1.90	1.42 – 2.38	3.41	2.63 – 4.20
对乙酰氨基酚 (ACET)	mg/dL	0.931	0.733 – 1.13	3.34	2.91 – 3.76	10.6	9.45 – 11.7
卡马西平 (CARB_2)	μg/mL	2.46	1.49 – 3.44	6.89	5.19 – 8.58	11.7	9.19 – 14.2
锂 (LITH/LITH_2)	mEq/L	0.475	0.345 – 0.605	1.26	1.04 – 1.47	1.98	1.69 – 2.28
免疫球蛋白 A (IgA) (IGA_2)	mg/dL	180	145 – 216	167	132 – 203	154	123 – 185
免疫球蛋白 G (IgG) (IGG_2)	mg/dL	824	706 – 942	819	701 – 937	723	600 – 847
免疫球蛋白 M (IgM) (IGM_2)	mg/dL	72.8	61.9 – 83.7	72.4	61.6 – 83.3	63.5	53.4 – 73.6
庆大霉素 (GENT_2)	μg/mL	2.38	1.75 – 3.02	4.66	3.72 – 5.60	6.88	5.61 – 8.16
铁 (IRON_2)	μg/dL	81.5	59.3 – 104	73.3	51.2 – 95.5	69.9	47.8 – 92.1
铁蛋白 (FRT)	ng/mL	59.2	50.0 – 68.5	138	119 – 158	310	269 – 352
妥布霉素 (TOB_2)	μg/mL	0.933	0.472 – 1.40	2.92	2.30 – 3.54	6.21	5.32 – 7.10
万古霉素 (VANC_2)	μg/mL	6.43	3.55 – 9.31	15.9	11.2 – 20.7	25.1	18.5 – 31.7
SIEMENS BN SERIES NEPHELOMETERS							
免疫球蛋白 A (IgA)	mg/dL	192	167 – 217	178	152 – 203	165	139 – 190
免疫球蛋白 E (IgE)	IU/mL	378	332 – 424	136	117 – 156	116	98.6 – 134
免疫球蛋白 G (IgG)	mg/dL	876	724 – 1027	869	717 – 1020	767	630 – 903
免疫球蛋白 M (IgM)	mg/dL	80.5	71.1 – 90.0	80.0	70.5 – 89.4	70.1	60.8 – 79.5
SIEMENS DIMENSION SERIES							
T3（游离）(FT3)	pg/mL	2.67	2.07 – 3.27	8.57	6.80 – 10.3	17.3	14.5 – 20.1
T4（游离）(EXL LOCI Module)	ng/dL	0.966	0.757 – 1.17	2.25	1.86 – 2.63	5.33	4.51 – 6.15
苯巴比妥 (PHNO)	μg/mL	10.4	6.79 – 14.0	24.8	19.2 – 30.4	51.9	42.7 – 61.1
苯妥英 (PTN)	μg/mL	6.73	4.81 – 8.65	14.7	11.8 – 17.6	26.1	21.8 – 30.4
丙戊酸 (VALP)	μg/mL	36.3	30.0 – 42.6	76.6	65.4 – 87.7	104	89.2 – 118
茶碱 (THEO)	μg/mL	4.47	3.54 – 5.40	14.3	11.7 – 16.9	28.3	23.2 – 33.3
促甲状腺激素 (TSH)	μIU/mL	0.349	0.225 – 0.472	5.11	3.81 – 6.41	31.1	23.4 – 38.9
促甲状腺激素 (TSH) (EXL LOCI Module) (TSHL)	μIU/mL	0.383	0.309 – 0.457	5.06	3.97 – 6.16	37.2	28.1 – 46.2

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
SIEMENS DIMENSION SERIES (续)							
地高辛 (DGNA)	ng/mL	0.742	0.525 – 0.959	1.98	1.65 – 2.30	3.29	2.85 – 3.73
对乙酰氨基酚 (ACTM)	μg/mL	11.9	8.41 – 15.4	40.9	35.5 – 46.2	122	111 – 133
卡马西平 (CRBM)	μg/mL	2.55	1.97 – 3.13	7.60	6.39 – 8.81	12.6	10.8 – 14.5
锂 (LI)	mmol/L	0.353	<0.200 – 0.511	1.13	0.936 – 1.32	1.80	1.57 – 2.02
免疫球蛋白 A (IgA)	mg/dL	\$		\$		\$	
免疫球蛋白 G (IgG)	mg/dL	\$		\$		\$	
免疫球蛋白 M (IgM)	mg/dL	\$		\$		\$	
前列腺特异性抗原（游离）(FPSA)	ng/mL	0.459	0.260 – 0.658	1.64	1.25 – 2.03	13.1	10.6 – 15.6
前列腺特异性抗原（总）(TPSA)	ng/mL	0.828	0.593 – 1.06	2.96	2.36 – 3.57	20.9	17.2 – 24.6
庆大霉素 (GENT)	μg/mL	2.25	1.77 – 2.73	4.45	3.78 – 5.12	7.72	6.76 – 8.68
人绒毛膜促性腺激素	mIU/mL	6.50	4.73 – 8.27	26.0	21.3 – 30.7	299	253 – 345
水杨酸盐 (SAL)	mg/dL	4.87	3.64 – 6.10	17.0	13.8 – 20.1	44.2	36.8 – 51.6
铁	μg/dL	81.0	56.6 – 105	75.1	50.7 – 99.4	72.4	48.1 – 96.7
铁 (TIBC)	μg/dL	261	230 – 292	256	225 – 287	227	196 – 258
铁蛋白 (FERR)	ng/mL	75.3	61.3 – 89.4	209	173 – 245	503	424 – 582
妥布霉素 (TOBR)	μg/mL	0.667	0.298 – 1.04	2.60	2.06 – 3.14	5.43	4.63 – 6.24
万古霉素 (VANC)	μg/mL	6.50	5.07 – 7.93	18.1	15.1 – 21.1	30.2	25.6 – 34.9
维生素 B12 (VB12) (EXL LOCI MODULE) (RF642)	pg/mL	379	299 – 459	579	482 – 676	699	592 – 806
叶酸 (FOLA) (EXL LOCI MODULE) (RF644)	ng/mL	2.35	1.53 – 3.17	5.78	4.14 – 7.43	10.6	7.82 – 13.4
SIEMENS DIMENSION VISTA SYSTEMS							
N-乙酰普鲁卡因胺 (NAPA)	μg/mL	1.39	0.839 – 1.94	4.16	3.37 – 4.96	8.24	6.93 – 9.55
T3（游离）(FT3)	pg/mL	2.67	1.63 – 3.71	8.41	6.49 – 10.3	16.9	14.5 – 19.2
T3 摄取率/甲状腺素摄取率 (%，TU)	% Uptake	36.1	29.9 – 42.3	41.4	34.0 – 48.7	46.8	38.3 – 55.3
T4（游离）(FT4)	ng/dL	0.953	0.824 – 1.08	2.14	1.88 – 2.40	4.98	4.41 – 5.54
T4（总）(T4)	μg/dL	6.30	4.14 – 8.46	12.7	10.3 – 15.2	16.5	13.9 – 19.1
阿米卡星	μg/mL	4.14	3.38 – 4.91	12.7	10.3 – 15.2	24.5	18.9 – 30.1
癌胚抗原	ng/mL	0.931	0.673 – 1.19	16.3	14.5 – 18.1	37.2	33.2 – 41.2
苯巴比妥 (PHNO)	μg/mL	10.8	7.79 – 13.8	26.3	22.0 – 30.5	50.3	44.2 – 56.4
苯妥英 (PTN)	μg/mL	6.49	5.05 – 7.94	15.1	12.6 – 17.5	25.6	22.0 – 29.2
丙戊酸 (VALP)	μg/mL	37.1	30.3 – 43.8	84.6	72.0 – 97.1	113	96.9 – 129
茶碱 (THEO)	μg/mL	5.25	4.28 – 6.22	15.4	13.0 – 17.8	28.0	23.8 – 32.1
雌二醇	pg/mL	87.6	66.9 – 108	224	192 – 256	438	388 – 487
促黄体生成素 (LH)	mIU/mL	1.54	1.08 – 2.00	21.1	16.5 – 25.7	78.0	63.4 – 92.5
促甲状腺激素 (TSH)	μIU/mL	0.373	0.273 – 0.474	5.06	3.76 – 6.36	35.6	26.2 – 45.0
地高辛 (DGXN)	ng/mL	0.779	0.554 – 1.00	2.04	1.61 – 2.47	3.60	2.92 – 4.29
对乙酰氨基酚 (ACTM)	μg/mL	13.7	10.2 – 17.1	42.9	37.5 – 48.2	124	113 – 134
黄体酮 (PROG)	ng/mL	0.802	0.526 – 1.08	9.36	6.75 – 12.0	24.5	17.7 – 31.2
甲胎蛋白 (AFP)	ng/mL	16.7	12.7 – 20.7	94.2	76.3 – 112	202	165 – 239
咖啡因	μg/mL	1.90	1.20 – 2.61	7.20	5.34 – 9.05	15.2	11.6 – 18.9
卡马西平 (CRBM)	μg/mL	2.57	2.11 – 3.03	7.35	6.35 – 8.36	12.4	10.8 – 13.9
锂 (LITH)	mmol/L	0.468	0.310 – 0.626	1.24	1.05 – 1.43	1.86	1.64 – 2.09
利多卡因 (LIDO)	μg/mL	1.24	0.959 – 1.52	3.79	3.27 – 4.31	7.08	6.24 – 7.91
卵泡刺激素	mIU/mL	9.51	7.55 – 11.5	18.2	14.7 – 21.7	38.7	31.4 – 46.0
泌乳刺激素 (PRL)	ng/mL	6.04	4.61 – 7.46	19.1	15.1 – 23.2	43.8	34.8 – 52.8
免疫球蛋白 A (IgA)	mg/dL	191	166 – 216	178	153 – 203	158	135 – 182
免疫球蛋白 E (IgE)	IU/mL	390	344 – 437	145	124 – 166	124	105 – 143
免疫球蛋白 G (IgG)	mg/dL	937	818 – 1057	920	800 – 1039	795	675 – 916
免疫球蛋白 M (IgM)	mg/dL	86.8	63.6 – 110	80.0	57.6 – 102	70.9	49.6 – 92.3
普鲁卡因胺 (PROC)	μg/mL	1.96	1.41 – 2.51	8.00	6.63 – 9.37	14.2	11.9 – 16.4
前列腺特异性抗原（游离）(FPSA)	ng/mL	0.478	0.330 – 0.626	1.64	1.21 – 2.08	12.5	9.82 – 15.2
前列腺特异性抗原（总）(TPSA)	ng/mL	0.787	0.570 – 1.00	2.89	2.33 – 3.46	20.2	16.8 – 23.6
庆大霉素 (GENT)	μg/mL	2.08	1.64 – 2.52	4.63	3.92 – 5.34	7.05	6.08 – 8.01
人绒毛膜促性腺激素 (Beta, BHCG)	mIU/mL	6.08	4.44 – 7.73	25.1	20.6 – 29.5	282	240 – 324
水杨酸盐 (SAL)	mg/dL	4.74	3.88 – 5.59	16.6	15.2 – 18.0	42.9	40.3 – 45.5
铁	μg/dL	79.8	24.1 – 135	73.6	17.9 – 129	70.0	14.3 – 126

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
SIEMENS DIMENSION VISTA SYSTEMS (续)							
铁 (TIBC)	μ g/dL	279	244 – 313	270	234 – 305	247	209 – 285
铁蛋白 (FERR)	ng/mL	54.4	48.2 – 60.6	155	135 – 175	399	345 – 454
妥布霉素 (TOBR)	μ g/mL	0.592	0.315 – 0.868	2.65	2.16 – 3.14	6.13	5.29 – 6.98
万古霉素 (VANC)	μ g/mL	6.69	5.25 – 8.12	18.4	15.5 – 21.4	30.5	26.0 – 35.1
维生素 B12 (VB12)	pg/mL	371	313 – 428	562	490 – 633	637	560 – 714
叶酸 (FOL)	ng/mL	2.23	1.49 – 2.97	5.50	4.19 – 6.81	9.67	7.63 – 11.7
SIEMENS IMMULITE / IMMULITE 1000							
T3（游离）	pg/mL	3.84	2.53 – 5.15	7.87	5.72 – 10.0	11.2	8.58 – 13.8
T3（总）	ng/dL	89.6	53.5 – 126	237	164 – 311	334	236 – 432
T3 摄取率/甲状腺素摄取率	% Uptake	28.2	23.2 – 33.2	33.0	26.8 – 39.1	42.4	34.1 – 50.8
T4（游离）	ng/dL	1.15	0.887 – 1.41	2.71	2.06 – 3.36	5.25	3.97 – >6.00
T4（总）	μ g/dL	4.81	2.95 – 6.66	9.71	6.76 – 12.7	13.1	9.38 – 16.8
癌胚抗原	ng/mL	2.16	0.974 – 3.35	19.1	13.7 – 24.5	42.5	31.3 – 53.6
雌二醇	pg/mL	94.9	58.2 – 132	266	184 – 349	576	410 – 741
雌三醇（游离） (UE3)	ng/mL	1.31	0.633 – 1.98	5.41	3.65 – 7.16	8.29	5.78 – 10.8
促黄体生成素 (LH)	mIU/mL	1.72	1.19 – 2.24	19.1	14.8 – 23.5	62.6	48.7 – 76.5
促甲状腺激素 (TSH) (Gen. 3)	μ IU/mL	0.492	0.391 – 0.592	5.68	4.15 – 7.21	34.6	25.1 – 44.2
促甲状腺激素 (TSH) (Rapid)	μ IU/mL	0.487	0.388 – 0.586	5.76	4.21 – 7.31	31.2	22.6 – 39.8
睾酮	ng/dL	121	44.9 – 196	468	287 – 648	955	625 – 1286
黄体酮 (LKPW1)	ng/mL	0.845	0.417 – 1.27	9.56	6.75 – 12.4	27.0	19.4 – 34.6
甲胎蛋白 (AFP)	ng/mL	16.9	10.9 – 22.8	97.7	62.2 – 133	209	133 – 285
甲状腺球蛋白 (Tg)	ng/mL	2.41	1.17 – 3.65	2.98	1.74 – 4.22	2.60	1.36 – 3.85
卵泡刺激素	mIU/mL	11.4	9.09 – 13.8	25.0	19.8 – 30.3	51.7	40.9 – 62.5
泌乳刺激素	ng/mL	7.11	5.29 – 8.92	21.5	16.2 – 26.8	47.4	35.7 – 59.0
免疫球蛋白 E (IgE) (Rgt. Lots 401+)	IU/mL	397	278 – 516	148	107 – 188	118	87.0 – 149
皮质醇	μ g/dL	3.28	1.96 – 4.59	18.0	12.7 – 23.3	26.7	19.0 – 34.3
前列腺特异性抗原（游离）	ng/mL	0.389	0.247 – 0.532	1.29	0.933 – 1.65	9.33	7.05 – 11.6
前列腺特异性抗原（总）	ng/mL	0.895	0.312 – 1.48	3.12	1.91 – 4.33	19.9	13.9 – 25.8
前列腺特异性抗原（总） (Gen. 3)	ng/mL	0.663	0.145 – 1.18	2.22	1.27 – 3.18	16.8	11.7 – >20.0
人绒毛膜促性腺激素	mIU/mL	6.73	3.60 – 9.86	30.0	19.9 – 40.0	335	235 – 436
人绒毛膜促性腺激素 (Turbo)	mIU/mL	8.35	<5.00 – 11.9	35.5	23.8 – 47.2	406	306 – 506
人生长激素 (hGH) (LKGRH)	ng/mL	3.83	2.61 – 5.06	8.93	6.71 – 11.2	16.7	12.9 – 20.5
铁蛋白	ng/mL	63.1	48.1 – 78.0	155	113 – 197	382	272 – 491
脱氢表雄酮（硫酸盐）	μ g/dL	59.4	36.7 – 82.0	151	99.1 – 202	528	357 – 699
维生素 B12	pg/mL	411	225 – 596	677	408 – 946	840	520 – 1161
雄烯二酮	ng/mL	1.25	0.592 – 1.91	3.01	1.75 – 4.26	6.65	4.15 – 9.14
SIEMENS IMMULITE 2000 / 2000 XPI							
C-肽	ng/mL	0.975	0.651 – 1.30	5.54	4.16 – 6.91	7.84	5.94 – 9.75
T3（游离）	pg/mL	3.74	2.49 – 4.98	8.05	6.11 – 9.98	11.3	8.94 – 13.8
T3（总）	ng/dL	78.7	53.5 – 104	214	166 – 261	350	279 – 421
T3 摄取率/甲状腺素摄取率	% Uptake	27.4	23.2 – 31.7	33.9	27.9 – 39.9	41.7	33.4 – 50.1
T4（游离） (L2KFT4/L5KFT4)	ng/dL	1.00	0.816 – 1.19	2.45	1.97 – 2.93	4.24	3.39 – 5.08
T4（总）	μ g/dL	4.57	3.15 – 6.00	9.55	7.03 – 12.1	12.5	9.33 – 15.7
癌胚抗原	ng/mL	2.23	1.42 – 3.04	22.3	17.0 – 27.5	49.0	37.8 – 60.2
苯巴比妥	μ g/mL	9.98	8.20 – 11.8	23.9	19.9 – 27.9	49.9	41.8 – 57.9
苯妥英	μ g/mL	6.75	4.47 – 9.03	14.0	10.1 – 17.9	23.9	17.8 – 30.0
丙戊酸	μ g/mL	30.2	24.0 – 36.5	76.4	62.3 – 90.5	118	97.2 – 140
茶碱	μ g/mL	4.64	3.05 – 6.22	13.8	9.91 – 17.6	24.0	17.6 – 30.5
雌二醇	pg/mL	94.7	58.6 – 131	312	230 – 395	635	484 – 786
雌三醇（游离）	ng/mL	1.41	0.856 – 1.97	5.57	4.01 – 7.13	7.73	5.65 – 9.82
促黄体生成素 (LH)	mIU/mL	1.69	1.27 – 2.11	18.8	13.9 – 23.7	55.8	41.1 – 70.5
促甲状腺激素 (TSH) (Gen. 3)	μ IU/mL	0.422	0.317 – 0.526	5.46	4.03 – 6.88	30.1	22.0 – 38.2
促甲状腺激素 (TSH) (Rapid)	μ IU/mL	0.466	0.358 – 0.573	5.37	3.97 – 6.77	28.5	20.8 – 36.1
促肾上腺皮质激素 (ACTH)	pg/mL	37.2	12.7 – 61.6	268	116 – 421	412	180 – 644
地高辛	ng/mL	0.809	0.507 – 1.11	2.26	1.70 – 2.81	3.81	2.98 – 4.64

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
SIEMENS IMMULITE 2000 / 2000 XPI (续)							
睾酮	ng/dL	130	78.7 – 182	498	328 – 669	1059	708 – 1411
黄体酮	ng/mL	0.794	0.516 – 1.07	8.76	6.29 – 11.2	23.7	17.1 – 30.3
甲胎蛋白 (AFP)	ng/mL	16.7	11.5 – 21.9	94.8	64.7 – 125	208	142 – 274
甲状腺球蛋白 (Tg)	ng/mL	1.70	0.640 – 2.76	3.05	1.43 – 4.67	2.15	0.905 – 3.40
甲状腺素结合球蛋白 (TBG)	μ g/mL	15.0	10.1 – 19.8	14.2	9.22 – 19.1	13.3	8.15 – 18.5
降钙素	pg/mL	46.0	28.3 – 63.8	246	180 – 312	458	341 – 576
卡马西平	μ g/mL	2.30	1.72 – 2.88	6.45	5.12 – 7.77	11.4	9.21 – 13.7
卵泡刺激素	mIU/mL	10.6	8.37 – 12.8	23.8	18.7 – 28.8	47.3	37.1 – 57.4
泌乳刺激素	ng/mL	6.95	5.32 – 8.58	20.1	15.8 – 24.4	43.4	34.4 – 52.5
免疫球蛋白 E (IgE)	IU/mL	385	260 – 510	143	98.0 – 189	124	84.9 – 163
皮质醇	μ g/dL	2.74	1.76 – 3.73	15.1	11.2 – 19.0	23.9	18.0 – 29.8
前列腺酸性磷酸 (PAP)	ng/mL	1.52	0.997 – 2.05	20.2	15.5 – 25.0	54.4	41.8 – 67.0
前列腺特异性抗原（游离）	ng/mL	0.428	0.292 – 0.564	1.43	1.05 – 1.82	10.7	8.03 – 13.4
前列腺特异性抗原（总）	ng/mL	0.905	0.521 – 1.29	3.01	2.08 – 3.94	21.3	15.5 – 27.1
人绒毛膜促性腺激素	mIU/mL	7.57	3.76 – 11.4	26.3	18.1 – 34.4	313	235 – 391
人生长激素 (hGH) (L2KGRH/L5KGRH)	ng/mL	4.35	3.41 – 5.29	8.97	7.10 – 10.8	15.1	12.0 – 18.2
铁蛋白	ng/mL	64.0	49.1 – 78.9	161	122 – 200	413	312 – 514
脱氢表雄酮（硫酸盐） (DHEA-Sulfate)	μ g/dL	59.0	39.3 – 78.7	149	106 – 193	554	411 – 696
维生素 B12	pg/mL	400	281 – 519	705	495 – 914	857	602 – >1000
胃泌素	pg/mL	136	78.0 – 194	669	443 – 896	>1000	
雄烯二酮	ng/mL	1.27	0.711 – 1.84	3.17	1.97 – 4.37	6.35	4.09 – 8.62
雄烯二酮 (Rgt. Lots 479 and above) (2)	ng/mL	\$		\$		\$	
叶酸	ng/mL	3.30	2.30 – 4.31	7.84	5.09 – 10.6	13.8	8.74 – 18.8
胰岛素样生长因子 1/促生长因子 C	ng/mL	93.5	65.0 – 122	117	79.0 – 155	99.5	68.6 – 130
SNIBE MAGLUMI (2)							
cAFP	IU/mL	14.6	10.2 – 19.0	82.5	57.8 – 107	181	127 – 235
C-肽	ng/mL	1.57	1.10 – 2.04	6.75	4.73 – 8.78	9.53	6.67 – 12.4
T3（游离）	pg/mL	2.95	2.07 – 3.84	8.50	5.95 – 11.1	17.9	12.5 – 23.3
T3（总）	ng/mL	0.895	0.627 – 1.16	1.95	1.37 – 2.54	3.01	2.11 – 3.91
T4（游离）	pg/mL	11.5	8.05 – 15.0	26.9	18.8 – 35.0	54.5	38.2 – 70.9
T4（总）	ng/mL	62.1	43.5 – 80.7	118	82.6 – 153	155	109 – 202
癌胚抗原	ng/mL	<1.33		15.7	11.0 – 20.4	36.7	25.7 – 47.7
雌二醇	pg/mL	96.1	67.3 – 125	404	283 – 525	946	662 – 1230
雌三醇（游离）	ng/mL	1.47	1.03 – 1.91	4.72	3.30 – 6.14	11.2	7.84 – 14.6
促黄体生成素 (LH)	mIU/mL	2.14	1.50 – 2.78	24.3	17.0 – 31.6	73.7	51.6 – 95.8
促甲状腺激素 (TSH)	μ IU/mL	0.516	0.361 – 0.671	5.70	3.99 – 7.41	39.0	27.3 – 50.7
地高辛	ng/mL	0.582	0.407 – 0.757	2.17	1.52 – 2.82	3.73	2.61 – 4.85
睾酮	ng/mL	1.21	0.847 – 1.57	3.49	2.44 – 4.54	5.77	4.04 – 7.50
睾酮（游离）	pg/mL	5.55	3.89 – 7.22	18.1	12.7 – 23.5	39.0	27.3 – 50.7
黄体酮	ng/mL	0.381	0.267 – 0.495	9.51	6.66 – 12.4	22.1	15.5 – 28.7
甲胎蛋白 (AFP)	IU/mL	16.3	11.4 – 21.2	85.9	60.1 – 112	191	134 – 248
卵泡刺激素	mIU/mL	11.0	7.70 – 14.3	25.0	17.5 – 32.5	55.7	39.0 – 72.4
泌乳刺激素	μ IU/mL	154	108 – 200	473	331 – 615	1069	748 – 1390
免疫球蛋白 E (IgE)	IU/mL	332	232 – 432	123	86.1 – 160	104	72.8 – 135
皮质醇	ng/mL	38.9	27.2 – 50.6	203	142 – 264	321	225 – 417
前列腺特异性抗原（游离）	ng/mL	0.362	0.253 – 0.471	1.38	0.966 – 1.79	12.1	8.47 – 15.7
前列腺特异性抗原（总）	ng/mL	0.709	0.496 – 0.922	2.57	1.80 – 3.34	18.1	12.7 – 23.5
醛固酮	pg/mL	75.6	52.9 – 98.3	174	122 – 226	497	348 – 646
醛固酮 (II)	pg/mL	129	90.3 – 168	263	184 – 342	737	516 – 958
人绒毛膜促性腺激素	mIU/mL	7.23	5.06 – 9.40	25.7	18.0 – 33.4	317	222 – 412
人生长激素 (hGH)	ng/mL	5.21	3.65 – 6.77	11.6	8.12 – 15.1	20.8	14.6 – 27.0
铁蛋白	ng/mL	75.2	52.6 – 97.8	244	171 – 317	664	465 – 863
脱氢表雄酮（硫酸盐）	μ g/dL	68.1	47.7 – 88.5	233	163 – 303	635	445 – 826
维生素 B12	pg/mL	228	160 – 295	435	305 – 565	519	363 – 675
胃泌素	pmol/L	40.8	28.6 – 53.0	203	142 – 264	355	249 – 462

仪器 (1)

	单位	水平 1 - 40451		水平 2 - 40452		水平 3 - 40453	
		均值	范围	均值	范围	均值	范围
SNIBE MAGLUMI (2) (续)							
雄烯二酮	ng/mL	0.698	0.489 – 0.907	2.30	1.61 – 2.99	4.04	2.83 – 5.25
胰岛素	μIU/mL	16.6	11.6 – 21.6	66.0	46.2 – 85.8	170	119 – >200
TOSOH AIA SYSTEMS (2)							
25-羟基维生素 D (AIA-PACK)	ng/mL	24.2	16.9 – 31.5	23.0	16.1 – 29.9	23.8	16.7 – 30.9
C-肽 (II, ST AIA-PACK)	ng/mL	1.04	0.730 – 1.35	5.43	3.80 – 7.06	7.69	5.38 – 10.0
T3（游离）(ST AIA-PACK)	pg/mL	3.15	2.21 – 4.10	10.1	7.09 – 13.2	24.6	17.2 – >25.0
T3（总）(ST AIA-PACK)	ng/mL	1.01	0.710 – 1.31	2.17	1.52 – 2.82	3.52	2.46 – 4.58
T3 摄取率/甲状腺素摄取率 (ST AIA-PACK)	% Uptake	35.5	24.9 – 46.2	41.6	29.1 – 54.1	48.3	33.8 – >60.0
T4（游离）(ST AIA-PACK)	ng/dL	0.950	0.670 – 1.24	2.39	1.67 – 3.11	4.62	3.23 – 6.01
T4（总）(ST AIA-PACK)	μg/dL	4.90	3.40 – 6.40	9.10	6.40 – 11.8	12.2	8.50 – 15.9
癌胚抗原 (ST AIA-PACK)	ng/mL	1.50	1.10 – 2.00	18.9	13.2 – 24.6	41.2	28.8 – 53.6
雌二醇 (REF E2-025274)	pg/mL	247	173 – 321	579	405 – 753	1287	901 – 1673
雌二醇 (REF HSE2-025225)	pg/mL	86.6	60.6 – 113	250	175 – 325	465	326 – 605
促黄体生成素 (LH) (II, ST AIA-PACK)	mIU/mL	1.30	0.900 – 1.70	17.4	12.2 – 22.6	65.3	45.7 – 84.9
促甲状腺激素 (TSH) (ST AIA-PACK)	μIU/mL	0.440	0.310 – 0.570	5.64	3.95 – 7.33	34.4	24.1 – 44.7
促甲状腺激素 (TSH) (TSH3G, AIA-PACK)	μIU/mL	0.380	0.270 – 0.490	5.26	3.68 – 6.84	33.3	23.3 – 43.3
促肾上腺皮质激素 (ACTH) (ST AIA-PACK)	pg/mL	36.4	25.5 – 47.3	181	127 – 235	262	183 – 340
睾酮 (ST AIA-PACK)	ng/dL	117	81.6 – 152	509	356 – 661	1144	801 – 1488
黄体酮 (ST AIA-PACK, PROGII)	ng/mL	0.270	0.190 – 0.350	11.2	7.85 – 14.6	32.1	22.5 – >40.0
黄体酮 (ST AIA-PACK, PROGIII) (Cal Lot G33CC359)	ng/mL	0.580	0.410 – 0.750	13.6	9.50 – 17.6	37.2	26.1 – >40.0
甲胎蛋白 (AFP) (ST AIA-PACK)	ng/mL	17.2	12.0 – 22.4	94.2	65.9 – 123	198	139 – 258
卵泡刺激素 (ST AIA-PACK)	mIU/mL	13.2	9.20 – 17.2	26.0	18.2 – 33.8	41.8	29.3 – 54.3
泌乳刺激素	ng/mL	<1.00		6.50	4.60 – 8.50	6.10	4.30 – 7.90
免疫球蛋白 E (IgE) (II, ST AIA-PACK)	IU/mL	340	238 – 442	129	90.3 – 168	109	76.0 – 141
皮质醇 (ST AIA-PACK)	μg/dL	3.70	2.60 – 4.80	18.9	13.2 – 24.6	27.9	19.5 – 36.3
前列腺酸性磷酸 (PAP) (ST AIA-PACK)	ng/mL	1.70	1.20 – 2.20	19.3	13.5 – 25.1	>40.0	
前列腺特异性抗原（总）(ST AIA-PACK)	ng/mL	0.800	0.560 – 1.04	2.58	1.81 – 3.35	17.5	12.3 – 22.8
人绒毛膜促性腺激素 (Total Beta, ST AIA-PACK)	mIU/mL	6.50	4.60 – 8.50	26.6	18.6 – 34.6	285	200 – 371
人生长激素 (hGH) (ST AIA-PACK)	ng/mL	4.07	2.85 – 5.29	9.20	6.44 – 12.0	16.3	11.4 – 21.1
铁蛋白 (ST AIA-PACK)	ng/mL	49.8	34.9 – 64.7	131	91.4 – 170	326	228 – 424
脱氢表雄酮（硫酸盐）(ST AIA-PACK)	μg/dL	75.2	52.7 – 97.8	199	140 – 259	605	424 – 787
维生素 B12 (AIA-PACK)	pg/mL	462	323 – 601	759	531 – 987	923	646 – 1200
叶酸 (AIA-PACK)	ng/mL	4.03	2.82 – 5.24	8.29	5.80 – 10.8	13.0	9.11 – 16.9
胰岛素 (IRI, ST AIA-PACK)	μIU/mL	17.5	12.3 – 22.8	68.1	47.7 – 88.5	191	134 – 249

脚注

- (1) 部分脚注可能不适用于您定制选择的数据表。
- (2) 赋值是使用试剂和/或仪器制造商的方案测定的，且不一定代表 ±3SD 范围。
- (3) 请参阅制造商的使用说明了解相关换算因数。
- ▲ 本次不提供数据。请查询。
- § 由于参与赋值的机构数量有限，未获得确定此检测的均值和可接受范围所需的数据。如您所在机构有兴趣参与本检测的赋值计划，请联系您当地的 Bio-Rad 办事处。
- 数据不适用或不可用。