

Liquichek Immunology Control Levels 1, 2 and 3



591 Level 1 6 x 1 mL
592 Level 2 6 x 1 mL
593 Level 3 6 x 1 mL
590X MiniPak 3 x 1 mL

594 Level 1 6 x 3 mL
595 Level 2 6 x 3 mL
596 Level 3 6 x 3 mL



EXP 2025-03-31



85720

Level 1 85721
Level 2 85722
Level 3 85723



<https://www.myeinserts.com/85720>

预期用途

Liquichek Immunology 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“德国医学学会的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 去纤维蛋白人血浆 制备，其中添加了 血清蛋白，稳定剂和防腐剂。为便于使用，本产品以液体形式提供。

贮存和稳定性

在 -20 至 -70° C 下未开封贮存时，本产品将在有效期内保持稳定。

解冻未开封：解冻后在 2 至 8° C 下未开封贮存时，本产品的稳定期如下：

- 所有分析物：45 天

例外情况：

- β2-微球蛋白：40 天

- 类风湿因子：10 天

解冻并开封：解冻并开封后，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：30 天

例外情况：

- β2-微球蛋白：21 天

- 类风湿因子：10 天

开瓶后，请勿重新冷冻本产品。

本产品在 冷冻 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。

如果产品已冷冻贮存，将其静置于室温下（18 至 25° C）直到完全解冻。取样前，轻轻摇晃质控品瓶数次以确保混合均匀。将解冻后的产品贮存在 2 至 8° C 下。

如果产品已冷藏贮存，使用前让其达到室温（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，请立即盖回瓶塞并放回 2 至 8° C 下贮存。

安全注意事项

- 处理本产品时应小心谨慎以防止飞溅。使用本产品时，请佩戴适当的眼部/面部防护装置以防飞溅。
- 如果在使用本设备期间或由于使用本设备而发生严重事故，请向 Bio-Rad Laboratories 报告，并根据需要向当地的国家/地区卫生管理部门报告。
- 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

- 超过有效期后，请勿使用本产品。
- 如果产品有微生物污染或过度浑浊迹象，请将瓶丢弃。
- 本产品不用作标准品。
- 在产品保存期内，以下分析物的值会上升：载脂蛋白 A-I。单个实验室的均值可能会处于数据表中所列的相应可接受范围之外。
- 仅供实验室/专业人士使用

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稳定化液态产品。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 ±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来检测。建议每个实验室确立自己的可接受范围，提供的数值仅作为参考。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

要获取 Data Charts（数据表），请使用「自定义我的 eInserts」页面上的复选框来选择表项目。您可以「查看和打印」您的选择或「保存选择」。按照本网站上的指示通过电子邮件接收说明书更新通知。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

C1 抑制剂	免疫球蛋白 G (IgG)	抗凝血酶 III (AT III)	视黄醇结合蛋白 (RBP)
C-反应蛋白 (CRP)	免疫球蛋白 G 亚型 1	抗环瓜氨酸肽抗体 (Anti-CCP)	触珠蛋白
K 轻链	免疫球蛋白 G 亚型 2	抗链球菌溶血素 O	转铁蛋白
α 1-抗胰蛋白酶	免疫球蛋白 G 亚型 3	白蛋白	载脂蛋白 A-I
α 1-酸性糖蛋白	免疫球蛋白 G 亚型 4	类风湿因子	载脂蛋白 B
α 2-巨球蛋白	免疫球蛋白 M (IgM)	胱抑素 C ◆	铁蛋白
β 2-微球蛋白	前白蛋白	脂蛋白 (a)	铜蓝蛋白
λ 轻链	备解素因子 B	蛋白血清 (总)	
免疫球蛋白 A (IgA)	抗 DNA 酶 B 抗体 (抗脱氧核糖核酶 B 抗体)	补体 C3	
免疫球蛋白 E (IgE)		补体 C4	

注释

- ◆ 仅提供内源性水平。



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10/22

修订日期 2023-11-07 → 显示修改后的信息

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
C1 抑制剂							
Binding Site Optilite (3)	mg/dL	17.8	14.2 – 21.3	38.0	30.4 – 45.6	57.1	45.7 – 68.5
Siemens BN Series Nephelometers	mg/dL	15.8	12.3 – 19.3	36.3	29.9 – 42.7	52.1	43.5 – 60.7
C-反应蛋白 (CRP)							
Abbott Alinity c Analyzer	mg/dL	0.811	0.684 – 0.939	2.78	2.44 – 3.13	4.53	3.90 – 5.16
Abbott ARCHITECT cSystems	mg/dL	0.833	0.742 – 0.923	2.92	2.63 – 3.21	4.65	4.20 – 5.11
Abbott ARCHITECT cSystems CRP Vario (MULTIGENT)-Sentinel (3)	mg/dL	0.861	0.689 – 1.03	3.04	2.43 – 3.65	4.91	3.93 – 5.90
Beckman Coulter AU Systems (OSR 6199)	mg/dL	0.863	0.616 – 1.11	2.62	2.14 – 3.11	4.92	4.13 – 5.72
Beckman Coulter IMMAGE	mg/dL	0.898	0.756 – 1.04	2.66	2.10 – 3.23	5.51	4.26 – 6.75
Beckman Coulter Synchron/UniCel DxC Series (CRP) (REF 465131)	mg/dL	1.01	0.738 – 1.28	3.08	2.54 – 3.63	5.69	4.80 – 6.58
Binding Site Optilite (3)	mg/dL	0.812	0.649 – 0.974	2.78	2.23 – 3.34	4.83	3.87 – 5.80
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam CPDGX (Ortho Vitros Microslide Series) (3)	mg/dL	0.909	0.727 – 1.09	2.98	2.38 – 3.58	4.60	3.68 – 5.52
DiAgam CPDGX (Roche Hitachi Systems) (3)	mg/dL	0.824	0.659 – 0.988	2.80	2.24 – 3.36	4.43	3.54 – 5.32
DiAgam CPTXL (Ortho Vitros Microtip Series) (3)	mg/dL	0.903	0.723 – 1.08	2.79	2.23 – 3.34	4.34	3.47 – 5.20
DiAgam CPTXL (Roche Hitachi Systems) (3)	mg/dL	0.948	0.759 – 1.14	3.02	2.41 – 3.62	4.95	3.96 – 5.94
EUROlyser Smart/Cube-S/Cube (3)	mg/dL	0.950	0.730 – 1.17	3.08	2.37 – 3.79	4.59	3.54 – 5.65
FUJII DRI-CHEM SLIDE CRP-SIII (3)	mg/dL	0.830	<0.300 – 1.50	2.93	2.20 – 3.70	4.73	3.50 – 6.00
Ortho Vitros Microslide Series	mg/dL	0.844	0.629 – 1.06	2.13	1.70 – 2.56	3.14	2.54 – 3.74
Roche / Hitachi cobas cSystems (CRP4)	mg/dL	0.753	0.615 – 0.891	2.60	2.19 – 3.01	4.29	3.63 – 4.95
Siemens ADVIA Chemistry Systems (wrCRP)	mg/dL	0.960	0.761 – 1.16	2.76	2.39 – 3.14	4.48	3.94 – 5.02
Siemens Atellica CI 1900 Analyzer (CRP_2) (CH) →	mg/dL	0.900	0.684 – 1.12	3.30	2.68 – 3.92	4.98	4.07 – 5.90
Siemens Atellica CI 1900 Analyzer (wrCRP) (CH) →	mg/dL	0.295	0.128 – 0.461	2.19	1.87 – 2.51	4.14	3.63 – 4.66
Siemens Atellica Solution (CRP_2) (CH)	mg/dL	0.900	0.684 – 1.12	3.30	2.68 – 3.92	4.98	4.07 – 5.90
Siemens Atellica Solution (wrCRP) (CH)	mg/dL	0.295	0.128 – 0.461	2.19	1.87 – 2.51	4.14	3.63 – 4.66
Siemens Dimension Series (CRP) (DF37)	mg/dL	\$		\$		\$	
Siemens Dimension Series (RCRP) (DF34)	mg/dL	0.830	0.667 – 0.993	2.91	2.46 – 3.36	4.68	3.99 – 5.37
Siemens Dimension Vista Systems	mg/dL	0.819	0.660 – 0.977	2.67	2.26 – 3.08	4.66	3.98 – 5.34
C-反应蛋白 (HSCRP)							
Beckman Coulter Synchron/UniCel DxC Series (hsCRP)	mg/dL	\$		\$		\$	
Roche / Hitachi cobas cSystems (CRPHS)	mg/dL	0.864	0.673 – 1.06	3.51	1.91 – 5.11	5.71	2.93 – 8.48
Siemens ADVIA Chemistry Systems (hsCRP)	mg/dL	0.748	0.619 – 0.876	2.59	2.30 – 2.87	4.39	3.95 – 4.84
Siemens Atellica Solution (hsCRP) (CH)	mg/L	7.56	5.93 – 9.20	25.2	22.6 – 27.8	41.6	37.4 – 45.8
Siemens Dimension Vista Systems	mg/dL	0.831	0.680 – 0.982	2.65	2.25 – 3.05	4.51	3.85 – 5.16
Wiener lab. CMD series (3)	mg/dL	0.852	0.665 – 1.04	2.60	2.03 – 3.17	4.45	3.47 – 5.43
K 轻链							
Abbott Alinity c Analyzer	mg/dL	161	131 – 192	291	254 – 329	407	360 – 453
Abbott ARCHITECT cSystems (Sentinel) (3)	mg/dL	157	126 – 189	281	224 – 337	392	313 – 470
Beckman Coulter IMMAGE	mg/dL	566	458 – 674	1108	926 – 1289	1550	1306 – 1794
Beckman Coulter Synchron/UniCel DxC Series (3)	mg/dL	163	130 – 196	284	227 – 341	400	320 – 480
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
Siemens BN Series Nephelometers	mg/dL	176	135 – 217	308	242 – 373	433	345 – 521
Siemens Dimension Vista Systems	mg/dL	183	160 – 206	325	287 – 363	488	433 – 542
Siemens Dimension Xpand (Sentinel) (3)	mg/dL	163	131 – 196	283	226 – 339	400	320 – 481

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
A 1-抗胰蛋白酶							
Abbott Alinity c Analyzer	mg/dL	77.4	68.4 – 86.4	135	122 – 148	191	174 – 208
Beckman Coulter IMMAGE	mg/dL	82.3	59.2 – 105	129	99.6 – 158	181	145 – 217
Binding Site Optilite (3)	mg/dL	61.3	49.1 – 73.6	110	87.7 – 132	155	124 – 186
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam ATTUR (3)	mg/dL	71.0	57.0 – 86.0	130	104 – 156	172	138 – 207
Roche / Hitachi cobas cSystems	mg/dL	78.5	69.5 – 87.5	129	116 – 141	173	156 – 189
Siemens Atellica CI 1900 Analyzer (AAT) (CH) →	mg/dL	66.7	57.9 – 75.5	125	107 – 144	170	144 – 195
Siemens Atellica Solution (AAT) (CH)	mg/dL	66.7	57.9 – 75.5	125	107 – 144	170	144 – 195
Siemens BN Series Nephelometers	mg/dL	78.3	56.6 – 99.9	140	110 – 169	194	157 – 231
Siemens Dimension Vista Systems	mg/dL	77.7	67.3 – 88.1	137	116 – 157	190	161 – 218
A 1-酸性糖蛋白							
Abbott Alinity c Analyzer	mg/dL	45.5	39.0 – 52.0	71.2	62.8 – 79.5	94.2	84.2 – 104
Beckman Coulter IMMAGE	mg/dL	43.3	35.7 – 50.9	67.4	55.7 – 79.1	90.5	74.8 – 106
Beckman Coulter Synchron/UniCel Dx C Series (3)	mg/dL	47.8	38.2 – 57.3	78.6	62.9 – 94.4	108	86.1 – 129
Binding Site Optilite (3)	mg/dL	41.8	33.5 – 50.2	65.5	52.4 – 78.6	86.3	69.0 – 104
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam GPTUR (3)	mg/dL	45.0	36.0 – 54.0	70.0	56.0 – 84.0	94.0	75.0 – 113
Siemens ADVIA Chemistry Systems (AAG)	mg/dL	41.9	32.0 – 51.9	76.8	63.6 – 90.0	107	91.2 – 123
Siemens Atellica CI 1900 Analyzer (AAG) (CH) →	mg/dL	37.5	27.8 – 47.2	70.8	58.1 – 83.5	98.7	83.4 – 114
Siemens Atellica Solution (AAG) (CH)	mg/dL	37.5	27.8 – 47.2	70.8	58.1 – 83.5	98.7	83.4 – 114
Siemens BN Series Nephelometers	mg/dL	45.6	37.3 – 53.8	73.4	60.5 – 86.2	98.1	81.2 – 115
Siemens Dimension Vista Systems	mg/dL	45.9	40.1 – 51.7	73.5	65.3 – 81.7	100	89.5 – 110
Siemens Dimension Xpand (Sentinel) (3)	mg/dL	48.1	38.5 – 57.8	76.6	61.3 – 92.0	101	80.6 – 121
A 2-巨球蛋白							
Beckman Coulter IMMAGE	mg/dL	106	85.6 – 127	254	195 – 313	394	298 – 490
Binding Site Optilite (3)	mg/dL	104	83.0 – 125	245	196 – 294	371	297 – 445
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam MGTUR (3)	mg/dL	107	86.0 – 129	228	183 – 274	336	269 – 403
Siemens BN Series Nephelometers	mg/dL	106	89.8 – 122	235	205 – 265	364	319 – 409
B 2-微球蛋白							
Abbott Alinity c Analyzer	mg/L	0.940	0.809 – 1.07	2.08	1.87 – 2.29	3.36	3.07 – 3.65
Binding Site Optilite (3)	mg/dL	0.093	0.074 – 0.111	0.202	0.161 – 0.242	0.336	0.269 – 0.403
DAKO Human Serum Beta-2-Microglobulin (3)	mg/dL	\$		\$		\$	
DiAgam B2DGX (Roche Cobas Systems) (3)	mg/dL	0.067	0.053 – 0.080	0.171	0.137 – 0.205	0.306	0.245 – 0.367
DiAgam B2DGX (Vitros 5,1 FS/4600/5600) (3)	mg/dL	0.070	0.056 – 0.084	0.168	0.135 – 0.202	0.298	0.238 – 0.357
Roche / Hitachi cobas cSystems	mg/L	0.924	0.722 – 1.13	2.04	1.71 – 2.37	3.26	2.79 – 3.74
Siemens ADVIA Chemistry Systems (B2M)	mg/dL	0.081	0.057 – 0.104	0.188	0.150 – 0.225	0.333	0.277 – 0.389
Siemens Atellica CI 1900 Analyzer (B2M) (CH) →	mg/L	0.779	0.599 – 0.960	2.02	1.69 – 2.34	3.47	2.98 – 3.96
Siemens Atellica Solution (B2M) (CH)	mg/L	0.779	0.599 – 0.960	2.02	1.69 – 2.34	3.47	2.98 – 3.96
Siemens BN Series Nephelometers	mg/dL	0.088	<0.070 – 0.107	0.193	0.157 – 0.228	0.326	0.271 – 0.381
Siemens Dimension Vista Systems	mg/dL	0.093	0.076 – 0.110	0.202	0.173 – 0.230	0.328	0.286 – 0.370
Siemens Dimension Xpand (Sentinel) (3)	μg/L	825	660 – 990	2019	1615 – 2423	3444	2755 – 4133
Siemens IMMULITE 2000/2000 XPi	mg/dL	0.100	0.063 – 0.137	0.209	0.139 – 0.279	0.347	0.234 – 0.460
Λ 轻链							
Abbott Alinity c Analyzer	mg/dL	75.8	59.2 – 92.5	142	123 – 161	202	179 – 226
Abbott ARCHITECT cSystems (Sentinel) (3)	mg/dL	74.7	59.8 – 89.6	145	116 – 174	211	169 – 254
Beckman Coulter IMMAGE	mg/dL	309	260 – 357	576	488 – 665	793	673 – 914
Beckman Coulter Synchron/UniCel Dx C Series (3)	mg/dL	80.1	64.1 – 96.2	145	116 – 173	204	163 – 245

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
Λ 轻链 (续)							
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
Siemens BN Series Nephelometers	mg/dL	95.4	72.8 – 118	168	130 – 205	232	181 – 282
Siemens Dimension Vista Systems	mg/dL	97.4	82.6 – 112	171	144 – 198	236	199 – 274
Siemens Dimension Xpand (Sentinel) (3)	mg/dL	82.9	66.3 – 99.4	148	119 – 178	203	163 – 244
白蛋白							
Abbott Alinity c Analyzer (Bromcresol green)	g/dL	2.27	1.87 – 2.66	3.85	3.19 – 4.51	5.20	4.32 – 6.08
Abbott ARCHITECT cSystems (Bromcresol green)	g/dL	\$		\$		\$	
Abbott ARCHITECT cSystems (Bromcresol purple)	g/dL	2.35	2.17 – 2.53	3.94	3.66 – 4.21	5.27	4.91 – 5.62
Beckman Coulter AU Systems	g/dL	2.45	2.04 – 2.87	4.06	3.53 – 4.58	5.37	4.73 – 6.00
Beckman Coulter IMMAGE	g/dL	2.36	1.96 – 2.76	3.88	3.23 – 4.52	5.49	4.59 – 6.38
Beckman Coulter Synchron/UniCel DxC Series	g/dL	2.22	2.02 – 2.42	3.75	3.44 – 4.05	5.01	4.61 – 5.41
Binding Site Optilite (3)	g/dL	2.41	1.92 – 2.89	3.84	3.08 – 4.61	5.05	4.04 – 6.06
DAKO Rabbit Anti-Human (3)	g/dL	\$		\$		\$	
DiAgam ALTUR (3)	g/dL	2.41	1.93 – 2.89	3.93	3.14 – 4.72	5.33	4.27 – 6.40
Ortho Vitros Microslide Series	g/dL	2.11	1.90 – 2.33	3.69	3.38 – 4.01	4.82	4.43 – 5.21
Roche / Hitachi cobas cSystems (ALB2)	g/dL	2.52	2.13 – 2.91	4.19	3.76 – 4.62	5.50	5.04 – 5.95
Roche / Hitachi cobas cSystems (ALBT2) (Tina-quant)	g/dL	2.40	2.04 – 2.76	3.95	3.42 – 4.48	5.37	4.68 – 6.07
Roche cobas INTEGRA (Bromcresol green)	g/dL	\$		\$		\$	
Siemens ADVIA Chemistry Systems (ALB, ALB_c)	g/dL	▲		▲		▲	
Siemens ADVIA Chemistry Systems (ALBP)	g/dL	2.27	2.08 – 2.46	3.74	3.49 – 3.99	5.01	4.71 – 5.32
Siemens Atellica CI 1900 Analyzer (Alb) (CH) →	g/dL	2.50	2.06 – 2.94	4.20	3.62 – 4.78	5.60	4.89 – 6.31
Siemens Atellica CI 1900 Analyzer (AlbP) (CH) →	g/dL	2.18	1.97 – 2.40	4.00	3.71 – 4.29	5.30	4.95 – 5.65
Siemens Atellica Solution (Alb) (CH)	g/dL	2.50	2.06 – 2.94	4.20	3.62 – 4.78	5.60	4.89 – 6.31
Siemens Atellica Solution (AlbP) (CH)	g/dL	2.18	1.97 – 2.40	4.00	3.71 – 4.29	5.30	4.95 – 5.65
Siemens BN Series Nephelometers	g/dL	2.45	2.04 – 2.85	4.09	3.42 – 4.77	5.56	4.64 – 6.48
Siemens Dimension Vista Systems	g/dL	2.08	1.76 – 2.39	3.56	3.17 – 3.95	4.69	4.23 – 5.14
备解素因子 B							
Beckman IMMAGE	mg/dL	23.3	18.2 – 28.3	41.4	27.5 – 55.2	56.2	34.8 – 77.6
补体 C3							
Abbott Alinity c Analyzer	mg/dL	86.3	78.0 – 94.5	182	166 – 198	269	246 – 292
Abbott ARCHITECT cSystems	mg/dL	\$		\$		\$	
Beckman Coulter AU Systems	mg/dL	81.9	69.4 – 94.4	172	153 – 192	251	225 – 277
Beckman Coulter IMMAGE	mg/dL	69.6	59.0 – 80.3	155	129 – 181	241	200 – 282
Beckman Coulter Synchron/UniCel DxC Series	mg/dL	\$		\$		\$	
Binding Site Optilite (3)	mg/dL	86.8	69.4 – 104	179	143 – 214	268	214 – 321
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam C3TUR (3)	mg/dL	82.0	66.0 – 98.0	175	140 – 210	259	207 – 310
Roche / Hitachi cobas cSystems	mg/dL	86.4	76.4 – 96.4	182	159 – 204	273	240 – 307
Siemens ADVIA Chemistry Systems (C3) →	mg/dL	\$		\$		\$	
Siemens Atellica CI 1900 Analyzer (C3) (CH) →	mg/dL	75.7	62.1 – 89.2	165	143 – 188	244	213 – 275
Siemens Atellica Solution (C3) (CH)	mg/dL	75.7	62.1 – 89.2	165	143 – 188	244	213 – 275
Siemens BN Series Nephelometers	mg/dL	83.8	68.8 – 98.9	181	146 – 215	267	214 – 320
Siemens Dimension Series	mg/dL	82.4	68.4 – 96.3	174	150 – 197	258	226 – 290
Siemens Dimension Vista Systems	mg/dL	82.8	72.4 – 93.2	176	156 – 196	269	239 – 299
Wiener lab. CMD series (3)	mg/dL	73.2	58.5 – 88.0	164	131 – 197	248	198 – 298
补体 C4							
Abbott Alinity c Analyzer	mg/dL	16.6	14.4 – 18.8	38.8	34.9 – 42.6	56.8	51.6 – 61.9

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
补体 C4 (续)							
Abbott ARCHITECT cSystems	mg/dL	\$		\$		\$	
Beckman Coulter AU Systems	mg/dL	17.7	14.2 – 21.1	39.5	34.4 – 44.6	57.3	50.9 – 63.7
Beckman Coulter IMMAGE	mg/dL	17.0	14.0 – 20.1	37.8	30.3 – 45.3	59.8	47.7 – 71.9
Beckman Coulter Synchron/UniCel DxC Series	mg/dL	\$		\$		\$	
Binding Site Optilite (3)	mg/dL	16.4	13.2 – 19.7	34.8	27.8 – 41.7	52.0	41.6 – 62.4
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam C4TUR (3)	mg/dL	15.2	12.2 – 18.3	35.1	28.1 – 42.1	51.4	41.2 – 61.7
Roche / Hitachi cobas cSystems	mg/dL	14.1	12.2 – 16.0	32.5	27.7 – 37.2	50.1	42.5 – 57.6
Siemens ADVIA Chemistry Systems (C4)	mg/dL	14.8	12.4 – 17.1	34.8	30.1 – 39.4	52.7	46.0 – 59.5
Siemens Atellica CI 1900 Analyzer (C4) (CH) →	mg/dL	15.0	12.6 – 17.4	35.5	30.7 – 40.3	53.0	46.1 – 59.8
Siemens Atellica Solution (C4) (CH)	mg/dL	15.0	12.6 – 17.4	35.5	30.7 – 40.3	53.0	46.1 – 59.8
Siemens BN Series Nephelometers	mg/dL	17.4	14.1 – 20.7	38.4	30.0 – 46.9	55.8	43.1 – 68.5
Siemens Dimension Series	mg/dL	15.9	11.9 – 19.9	33.7	28.4 – 39.1	49.2	42.7 – 55.8
Siemens Dimension Vista Systems	mg/dL	17.6	15.3 – 20.0	38.4	33.4 – 43.3	57.7	50.4 – 65.0
Wiener lab. CMD series (3)	mg/dL	15.6	11.7 – 19.5	35.7	28.5 – 42.8	52.0	41.6 – 62.4
触珠蛋白							
Abbott Alinity c Analyzer	mg/dL	71.3	65.3 – 77.2	163	149 – 178	244	221 – 266
Abbott ARCHITECT cSystems	mg/dL	\$		\$		\$	
Beckman Coulter AU Systems	mg/dL	74.5	65.7 – 83.4	155	138 – 172	236	210 – 262
Beckman Coulter IMMAGE	mg/dL	67.4	57.4 – 77.4	156	136 – 177	237	208 – 267
Beckman Coulter Synchron/UniCel DxC Series	mg/dL	\$		\$		\$	
Binding Site Optilite (3)	mg/dL	66.8	53.4 – 80.1	149	119 – 178	224	179 – 269
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DIAgam HATUR (Ortho Vitros Microtip Series) (3)	mg/dL	72.0	58.0 – 86.0	163	131 – 196	245	196 – 294
DiAgam HATUR (Roche Hitachi Systems) (3)	mg/dL	69.0	55.0 – 83.0	163	130 – 196	244	195 – 293
Roche / Hitachi cobas cSystems	mg/dL	70.6	64.3 – 77.0	159	147 – 170	241	224 – 257
Siemens ADVIA Chemistry Systems (HAPT)	mg/dL	73.0	61.6 – 84.4	154	127 – 181	232	191 – 274
Siemens Atellica Solution (Hapt) (CH)	mg/dL	75.0	64.0 – 86.0	145	126 – 164	208	182 – 235
Siemens BN Series Nephelometers	mg/dL	71.3	56.9 – 85.7	165	128 – 201	257	198 – 316
Siemens Dimension Series (Sentinel) (3)	mg/dL	68.1	54.5 – 81.8	152	122 – 182	224	179 – 269
Siemens Dimension Vista Systems	mg/dL	73.0	63.5 – 82.5	172	151 – 193	268	235 – 300
蛋白血清（总）							
Abbott Alinity c Analyzer	g/dL	3.41	3.05 – 3.78	6.50	6.06 – 6.94	9.28	8.78 – 9.79
Abbott ARCHITECT cSystems	g/dL	2.90	2.48 – 3.31	5.97	5.52 – 6.42	8.75	8.26 – 9.24
Beckman Coulter AU Systems	g/dL	3.33	3.06 – 3.61	6.05	5.54 – 6.56	8.38	7.66 – 9.11
Beckman Coulter Synchron/UniCel DxC Series	g/dL	5.89	5.46 – 6.32	8.35	7.87 – 8.82	10.8	10.3 – 11.3
Ortho Vitros Microslide Series	g/dL	2.84	2.59 – 3.10	4.84	4.50 – 5.17	7.21	6.78 – 7.65
Roche / Hitachi cobas cSystems (Gen. 2)	g/dL	4.09	3.75 – 4.43	6.96	6.48 – 7.44	9.47	8.87 – 10.1
Roche cobas INTEGRA (Biuret, serum blank, end point)	g/dL	\$		\$		\$	
Siemens ADVIA Chemistry Systems (TP, TP_c)	g/dL	▲		▲		▲	
Siemens Atellica CI 1900 Analyzer (TP) (CH) →	g/dL	4.60	4.16 – 5.04	7.25	6.77 – 7.73	9.53	9.01 – 10.1
Siemens Atellica Solution (TP) (CH)	g/dL	4.60	4.16 – 5.04	7.25	6.77 – 7.73	9.53	9.01 – 10.1
Siemens Dimension Series	g/dL	3.94	3.45 – 4.43	6.83	6.36 – 7.30	9.36	8.90 – 9.82
Siemens Dimension Vista Systems	g/dL	4.03	3.54 – 4.51	6.88	6.41 – 7.34	9.28	8.82 – 9.73
胱抑素 C							
Abbott ARCHITECT cSystems (Sentinel) (3)	mg/L	0.399	0.319 – 0.479	0.530	0.424 – 0.636	0.671	0.537 – 0.806
Binding Site Optilite (3)	mg/L	<0.400		0.464	<0.400 – 0.557	0.558	0.447 – 0.670

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
胱抑素 C (续)							
DAKO Cystatin C Immunoparticles (3)	mg/L	\$		\$		\$	
Roche / Hitachi cobas cSystems (Gen. 2)	mg/L	0.421	<0.400 – 0.530	0.539	0.425 – 0.654	0.663	0.542 – 0.783
Siemens ADVIA Chemistry Systems (CYSC_2) (IFCC)	mg/L	0.472	0.350 – 0.594	0.594	0.468 – 0.720	0.723	0.593 – 0.853
Siemens Atellica Solution (CYSC_2) (CH)	mg/L	0.465	0.349 – 0.581	0.620	0.494 – 0.746	0.755	0.621 – 0.889
Siemens BN Series Nephelometers	mg/L	0.422	0.301 – 0.542	0.523	0.399 – 0.647	0.637	0.510 – 0.765
Siemens Dimension Vista Systems	mg/dL	0.039	0.030 – 0.049	0.049	0.039 – 0.059	0.061	0.052 – 0.071
Tosoh ST AIA-PACK (3)	mg/L	0.420	0.290 – 0.550	0.530	0.370 – 0.690	0.650	0.460 – 0.850
抗 DNA 酶 B 抗体 (抗脱氧核糖核酸酶 B 抗体)							
Siemens BN Series Nephelometers	U/mL		<75.0 – 99.4	128	101 – 155	222	173 – 271
抗环瓜氨酸肽抗体 (ANTI-CCP)							
Abbott Alinity i Analyzer	U/mL	2.53	1.98 – 3.09	23.7	20.3 – 27.2	43.1	37.1 – 49.2
Abbott ARCHITECT iSystems	U/mL	2.75	2.17 – 3.33	22.9	19.6 – 26.1	41.4	35.6 – 47.2
Bio-Rad BioPlex 2200 (3)	U/mL	\$		\$		\$	
Roche Elecsys/E170/cobas e Systems	U/mL	\$		\$		\$	
Siemens ADVIA Centaur CP (aCCP)	U/mL	2.61	2.05 – 3.18	24.0	20.5 – 27.5	42.0	36.1 – 47.9
Siemens ADVIA Centaur Systems (aCCP)	U/mL	2.63	2.06 – 3.20	23.5	20.1 – 26.8	41.8	35.9 – 47.7
Siemens Atellica Solution (aCCP) (IM)	U/mL	2.43	1.88 – 2.97	24.8	21.2 – 28.4	44.9	38.5 – 51.2
Siemens IMMULITE 2000/2000 XPi	U/mL	<1.50		14.8	11.0 – 18.5	25.0	19.1 – 30.8
抗链球菌溶血素 O							
Abbott Alinity c Analyzer	IU/mL	67.1	53.7 – 80.4	106	90.3 – 122	192	170 – 213
Abbott ARCHITECT cSystems (Biokit)	IU/mL	\$		\$		\$	
Beckman Coulter AU Systems	IU/mL	<100		130	107 – 153	262	227 – 296
Beckman Coulter IMMAGE	IU/mL	52.7	43.5 – 61.8	82.3	66.3 – 98.3	151	119 – 183
Binding Site Optilite (3)	IU/mL	76.1	60.8 – 91.3	122	97.7 – 147	240	192 – 288
Roche / Hitachi cobas cSystems (ASLOT)	IU/mL	77.6	64.7 – 90.6	132	112 – 152	250	213 – 286
Siemens ADVIA Chemistry Systems (ASO_2)	IU/mL	81.8	63.6 – 100	148	124 – 172	306	269 – 343
Siemens Atellica Solution (ASO_2) (CH)	IU/mL	78.0	58.7 – 97.4	101	80.0 – 122	226	194 – 258
Siemens BN Series Nephelometers	IU/mL	81.5	62.4 – 101	139	110 – 169	262	212 – 313
Siemens Dimension Series (Sentinel) (3)	IU/mL	75.9	60.7 – 91.1	126	101 – 151	242	193 – 290
Siemens Dimension Vista Systems	IU/mL	80.9	65.8 – 95.9	136	114 – 158	251	214 – 287
Wiener lab. CMD Series (3)	IU/mL	86.0	73.1 – 98.9	155	132 – 179	325	277 – 374
抗凝血酶 III (AT III)							
DiAgam A3TUR (Biosolutions Standards) (3)	mg/dL	15.3	12.3 – 18.4	29.2	23.4 – 35.1	46.1	36.9 – 55.3
类风湿因子							
Abbott Alinity c Analyzer (REF 04R99)	IU/mL	23.6	15.9 – 31.3	34.9	26.2 – 43.5	42.7	33.4 – 52.0
Beckman Coulter AU Systems	IU/mL	24.3	19.7 – 28.8	35.2	29.2 – 41.2	42.9	35.8 – 49.9
Beckman Coulter IMMAGE	IU/mL	<20.0		21.7	<20.0 – 29.3	27.1	<20.0 – 36.8
Binding Site Optilite (3)	IU/mL	23.5	18.8 – 28.2	33.2	26.6 – 39.9	39.0	31.2 – 46.8
Ortho Vitros Microtip Series	IU/mL	19.4	15.8 – 23.0	27.0	22.5 – 31.6	32.5	27.3 – 37.8
Roche / Hitachi cobas cSystems (Gen. 2)	IU/mL	24.8	21.2 – 28.4	35.2	30.4 – 39.9	41.8	36.3 – 47.4
Siemens ADVIA Chemistry Systems (RF)	IU/mL	25.1	21.8 – 28.4	35.8	27.9 – 43.7	43.5	32.3 – 54.7
Siemens Atellica Solution (RF) (CH)	IU/mL	26.1	20.0 – 32.2	36.8	29.3 – 44.2	44.3	35.9 – 52.7
Siemens BN Series Nephelometers	IU/mL		<10.0 – 18.3	16.5	<10.0 – 24.0	17.0	<10.0 – 24.7
Siemens Dimension Series (Sentinel) (3)	IU/mL	25.6	20.5 – 30.7	41.5	33.2 – 49.8	51.0	40.8 – 61.2
Siemens Dimension Vista Systems	IU/mL		<10.0 – 13.2	14.7	10.5 – 18.8	18.4	13.4 – 23.4
Wiener lab. CMD series (3)	IU/mL	35.9	21.6 – 50.3	51.2	35.9 – 66.6	62.3	43.6 – 81.0

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
免疫球蛋白 A (IGA)							
Abbott Alinity c Analyzer	mg/dL	124	110 – 137	244	222 – 266	361	331 – 390
Abbott ARCHITECT cSystems	mg/dL	120	107 – 134	240	218 – 261	354	325 – 383
Beckman Coulter AU Systems (OSR 61171)	mg/dL	122	107 – 136	250	225 – 275	364	329 – 398
Beckman Coulter IMMAGE	mg/dL	121	101 – 141	262	222 – 302	397	337 – 457
Binding Site Optilite (3)	mg/dL	115	91.6 – 137	245	196 – 294	361	289 – 433
DAKO Rabbit Anti-Human Serum IgA (3)	mg/dL	§		§		§	
DiAgam IATUR (3)	mg/dL	118	95.0 – 142	237	189 – 284	334	267 – 401
Ortho Vitros Microtip Series	mg/dL	115	97.2 – 133	254	220 – 287	374	326 – 421
Roche / Hitachi cobas cSystems (Gen. 2)	mg/dL	115	101 – 130	251	227 – 274	368	337 – 399
Roche / Hitachi cobas cSystems IgA-C	mg/dL	§		§		§	
Siemens ADVIA Chemistry Systems (IGA_2)	mg/dL	121	106 – 136	239	213 – 265	348	311 – 385
Siemens Atellica CI 1900 Analyzer (IgA_2) (CH) →	mg/dL	132	111 – 154	236	203 – 270	307	265 – 348
Siemens Atellica Solution (IgA_2) (CH)	mg/dL	132	111 – 154	236	203 – 270	307	265 – 348
Siemens BN Series Nephelometers	mg/dL	124	103 – 145	262	215 – 308	398	326 – 471
Siemens Dimension Series	mg/dL	117	91.2 – 143	245	205 – 285	373	318 – 428
Siemens Dimension Vista Systems	mg/dL	125	110 – 140	261	232 – 290	386	343 – 428
Wiener lab. CMD series (3)	mg/dL	92.0	73.2 – 110	205	164 – 246	305	244 – 365
免疫球蛋白 E (IGE)							
Abbott Alinity c Analyzer	IU/mL	54.8	33.2 – 76.4	102	76.5 – 127	147	117 – 176
Binding Site Optilite (3)	IU/mL	49.9	39.9 – 59.9	96.4	77.1 – 116	136	109 – 164
ImmunoCAP total IgE	klU/L	69.7	53.4 – 86.0	151	131 – 170	220	200 – 240
Roche Elecsys / E170 / cobas e Systems	IU/mL	66.1	57.5 – 74.8	145	130 – 159	211	191 – 231
Siemens ADVIA Centaur CP (IgEJ) (Japan) (3)	IU/mL	58.3	43.7 – 72.9	130	98.8 – 161	192	146 – 238
Siemens ADVIA Centaur CP (tIgE)	IU/mL	58.3	45.1 – 71.4	130	102 – 158	192	151 – 233
Siemens ADVIA Centaur Systems (IgEJ) (Japan) (3)	IU/mL	59.0	44.3 – 73.8	125	95.0 – 155	181	138 – 224
Siemens ADVIA Centaur Systems (tIgE)	IU/mL	59.0	46.2 – 71.8	125	101 – 149	181	147 – 215
Siemens Atellica Solution (tIgE) (IM)	IU/mL	58.2	45.6 – 70.9	125	101 – 149	180	147 – 214
Siemens Atellica/BN Series Nephelometers	IU/mL	63.5	50.9 – 76.1	128	104 – 152	185	152 – 219
Siemens Dimension Vista Systems	IU/mL	63.8	54.0 – 73.5	131	115 – 147	191	169 – 212
Siemens IMMULITE 2000/2000 XPi	IU/mL	62.6	43.6 – 81.7	138	100 – 177	193	141 – 245
Wiener lab. CMD series (3)	IU/mL	56.1	42.1 – 70.2	112	84.3 – 140	160	120 – 200
免疫球蛋白 G (IGG)							
Abbott Alinity c Analyzer	mg/dL	759	708 – 809	1328	1222 – 1433	1887	1726 – 2048
Abbott ARCHITECT cSystems	mg/dL	769	717 – 820	1340	1233 – 1447	1874	1715 – 2034
Beckman Coulter AU Systems (OSR 61172)	mg/dL	719	653 – 786	1194	1061 – 1327	1640	1444 – 1835
Beckman Coulter IMMAGE	mg/dL	743	630 – 856	1280	1084 – 1476	1809	1531 – 2087
Binding Site Optilite (3)	mg/dL	720	576 – 864	1268	1014 – 1521	1782	1426 – 2139
DAKO Rabbit Anti-Human Serum IgG (3)	mg/dL	§		§		§	
DiAgam IGTUR (3)	mg/dL	743	594 – 892	1263	1010 – 1516	1796	1437 – 2155
Ortho Vitros Microtip Series	mg/dL	728	633 – 823	1235	1058 – 1412	1727	1471 – 1984
Roche / Hitachi cobas cSystems (Gen. 2)	mg/dL	764	693 – 836	1286	1157 – 1415	1788	1603 – 1973
Siemens ADVIA Chemistry Systems (IGG_2)	mg/dL	758	681 – 835	1331	1179 – 1483	1879	1656 – 2102
Siemens Atellica CI 1900 Analyzer (IgG_2) (CH) →	mg/dL	758	655 – 861	1368	1169 – 1567	1930	1640 – 2219
Siemens Atellica Solution (IgG_2) (CH)	mg/dL	758	655 – 861	1368	1169 – 1567	1930	1640 – 2219
Siemens BN Series Nephelometers	mg/dL	762	641 – 882	1361	1115 – 1607	1866	1515 – 2218
Siemens Dimension Vista Systems	mg/dL	726	636 – 816	1288	1131 – 1444	1773	1559 – 1986
Wiener lab. CMD series (3)	mg/dL	593	475 – 712	1086	923 – 1249	1544	1312 – 1775

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
免疫球蛋白 G 亚型 1							
Binding Site Optilite (3)	mg/dL	419	335 – 502	745	596 – 894	1046	837 – 1255
Siemens BN Series Nephelometers	mg/dL	496	386 – 606	837	678 – 996	1127	925 – 1329
Siemens BN Series Nephelometers (The Binding Site) (3)	mg/dL	405	324 – 486	700	560 – 839	980	784 – 1176
免疫球蛋白 G 亚型 2							
Binding Site Optilite (3)	mg/dL	229	183 – 275	404	323 – 484	563	450 – 676
Siemens BN Series Nephelometers	mg/dL	226	171 – 281	408	329 – 488	566	464 – 668
Siemens BN Series Nephelometers (The Binding Site) (3)	mg/dL	244	195 – 292	435	348 – 522	587	470 – 705
免疫球蛋白 G 亚型 3							
Binding Site Optilite (3)	mg/dL	42.8	34.2 – 51.3	78.5	62.8 – 94.2	113	90.1 – 135
Siemens BN Series Nephelometers	mg/dL	21.2	15.9 – 26.5	39.1	31.0 – 47.1	54.5	44.0 – 65.0
Siemens BN Series Nephelometers (The Binding Site) (3)	mg/dL	39.4	31.5 – 47.3	74.7	59.8 – 89.7	102	81.2 – 122
免疫球蛋白 G 亚型 4							
Binding Site Optilite (3)	mg/dL	27.9	22.3 – 33.4	49.7	39.7 – 59.6	69.2	55.3 – 83.0
Siemens BN Series Nephelometers	mg/dL	40.6	32.2 – 49.1	74.0	59.6 – 88.3	102	82.9 – 122
Siemens BN Series Nephelometers (The Binding Site) (3)	mg/dL	26.9	21.5 – 32.3	49.4	39.6 – 59.3	67.3	53.9 – 80.8
免疫球蛋白 M (IGM)							
Abbott Alinity c Analyzer	mg/dL	49.4	39.6 – 59.1	107	92.9 – 121	158	140 – 175
Abbott ARCHITECT cSystems	mg/dL	\$		\$		\$	
Beckman Coulter AU Systems (OSR 61173)	mg/dL	54.5	44.3 – 64.7	117	99.9 – 135	168	144 – 191
Beckman Coulter IMMAGE	mg/dL	59.8	48.9 – 70.7	124	104 – 144	187	158 – 216
Binding Site Optilite (3)	mg/dL	54.7	43.7 – 65.6	123	98.6 – 148	182	145 – 218
DAKO Rabbit Anti-Human Serum IgM (3)	mg/dL	\$		\$		\$	
DiAgam IMTUR (3)	mg/dL	58.0	46.0 – 69.0	116	93.0 – 139	157	125 – 188
Ortho Vitros Microtip Series	mg/dL	58.8	49.1 – 68.6	127	110 – 144	187	163 – 211
Roche / Hitachi cobas cSystems (Gen. 2)	mg/dL	54.3	45.6 – 62.9	118	106 – 131	174	157 – 190
Roche / Hitachi cobas cSystems IGM-C →	mg/dL	49.1	40.9 – 57.2	100	89.1 – 112	147	132 – 161
Siemens ADVIA Chemistry Systems (IGM_2)	mg/dL	56.9	48.5 – 65.2	128	110 – 147	190	162 – 217
Siemens Atellica CI 1900 Analyzer (IgM_2) (CH) →	mg/dL	56.8	44.3 – 69.2	88.6	72.1 – 105	144	120 – 168
Siemens Atellica Solution (IgM_2) (CH)	mg/dL	56.8	44.3 – 69.2	88.6	72.1 – 105	144	120 – 168
Siemens BN Series Nephelometers	mg/dL	54.7	45.0 – 64.4	125	102 – 148	188	152 – 223
Siemens Dimension Vista Systems	mg/dL	59.2	50.2 – 68.2	128	111 – 145	193	168 – 217
Wiener lab. CMD series (3)	mg/dL	53.5	40.1 – 66.9	112	90.0 – 134	160	128 – 192
前白蛋白							
Abbott Alinity c Analyzer	mg/dL	14.8	13.2 – 16.4	23.7	21.4 – 26.0	29.9	27.0 – 32.7
Abbott ARCHITECT cSystems	mg/dL	\$		\$		\$	
Beckman Coulter AU Systems	mg/dL	15.2	12.6 – 17.7	23.8	20.5 – 27.1	30.1	26.3 – 33.9
Beckman Coulter IMMAGE	mg/dL	14.5	12.3 – 16.6	22.6	19.4 – 25.7	32.9	28.5 – 37.4
Binding Site Optilite (3)	g/L	0.134	0.107 – 0.161	0.223	0.178 – 0.267	0.301	0.241 – 0.361
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam PATUR (3)	mg/dL	13.1	10.5 – 15.7	22.8	18.2 – 27.4	31.1	24.8 – 37.3
Ortho Vitros Microtip Series	mg/dL	16.3	14.0 – 18.6	25.7	22.4 – 29.0	33.8	29.6 – 38.0
Roche / Hitachi cobas cSystems	mg/dL	13.4	11.2 – 15.6	22.8	19.3 – 26.3	31.4	26.6 – 36.2
Siemens Atellica CI 1900 Analyzer (PreAlb) (CH) →	mg/dL	12.7	10.0 – 15.4	23.2	19.8 – 26.5	31.4	27.6 – 35.3
Siemens Atellica Solution (PreAlb) (CH)	mg/dL	12.7	10.0 – 15.4	23.2	19.8 – 26.5	31.4	27.6 – 35.3
Siemens BN Series Nephelometers	mg/dL	14.9	12.4 – 17.4	25.1	20.0 – 30.1	36.3	28.4 – 44.1

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
前白蛋白 (续)							
Siemens Dimension Series	mg/dL	16.7	14.6 – 18.8	25.3	22.0 – 28.6	36.4	31.5 – 41.3
Siemens Dimension Vista Systems	mg/dL	12.2	10.1 – 14.3	21.2	17.0 – 25.5	30.6	24.0 – 37.2
视黄醇结合蛋白 (RBP)							
DiAgam RBTUR-H (3)	mg/dL	2.46	1.96 – 2.95	4.07	3.26 – 4.88	5.56	4.45 – 6.67
铁蛋白							
Abbott Alinity i Analyzer	ng/mL	44.7	34.8 – 54.5	280	232 – 328	463	385 – 541
Abbott ARCHITECT iSystems	ng/mL	44.1	34.4 – 53.8	276	229 – 323	466	389 – 544
Beckman Coulter AU Systems (OSR 61203)	ng/mL	40.1	27.8 – 52.4	168	134 – 202	272	220 – 325
Roche / Hitachi cobas cSystems (Gen. 4)	ng/mL	48.2	40.6 – 55.8	199	175 – 224	330	291 – 369
Roche Elecsys/E170/Cobas e Systems (ECLIA)	ng/mL	44.8	37.1 – 52.4	204	168 – 239	333	275 – 390
Siemens ADVIA Centaur CP (FER)	ng/mL	27.9	22.3 – 33.4	164	137 – 191	275	230 – 319
Siemens ADVIA Centaur Systems (FER)	ng/mL	28.0	22.4 – 33.6	168	141 – 196	273	229 – 317
Siemens ADVIA Chemistry Systems (FRT)	ng/mL	34.5	22.5 – 46.5	152	119 – 184	247	197 – 296
Siemens Atellica CI 1900 Analyzer (Fer) (IM) →	ng/mL	24.8	18.6 – 31.0	148	121 – 176	250	204 – 295
Siemens Atellica Solution (Fer) (IM)	ng/mL	24.8	18.6 – 31.0	148	121 – 176	250	204 – 295
Siemens Dimension Series	ng/mL	44.3	37.7 – 51.0	226	194 – 258	352	303 – 402
Siemens Dimension Vista Systems	ng/mL	29.4	24.7 – 34.0	147	127 – 168	244	210 – 277
Siemens IMMULITE 2000/2000 XPi	ng/mL	34.9	28.3 – 41.5	170	142 – 198	294	247 – 341
Wiener lab. CMD series (3)	ng/mL	47.0	32.9 – 61.1	183	146 – 219	283	226 – 339
铜蓝蛋白							
Abbott Alinity c Analyzer	mg/dL	18.0	13.0 – 23.0	32.6	25.9 – 39.3	45.2	37.0 – 53.4
Abbott ARCHITECT cSystems (Sentinel) (3)	mg/dL	19.2	15.3 – 23.0	36.8	29.5 – 44.2	50.4	40.3 – 60.4
Beckman Coulter IMMAGE	mg/dL	17.6	14.3 – 20.9	35.5	27.5 – 43.4	55.6	42.4 – 68.8
Beckman Coulter Synchron/UniCel DxC Series (3)	mg/dL	17.9	14.3 – 21.4	33.8	27.1 – 40.6	46.3	37.1 – 55.6
Binding Site Optilite (3)	mg/L	141	113 – 170	327	261 – 392	472	377 – 566
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam CETUR (3)	mg/dL	18.7	15.0 – 22.5	38.0	30.4 – 45.6	51.9	41.5 – 62.3
Roche / Hitachi cobas cSystems	mg/dL	14.3	12.1 – 16.5	28.2	24.5 – 32.0	41.7	36.3 – 47.0
Siemens ADVIA Chemistry Systems (Sentinel) (3)	mg/dL	18.5	14.8 – 22.3	36.4	29.1 – 43.7	51.4	41.1 – 61.6
Siemens Atellica Solution (Cerul) (CH) (3)	mg/dL	17.0	13.6 – 20.4	33.5	26.8 – 40.2	45.4	36.4 – 54.5
Siemens BN Series Nephelometers	mg/dL	18.3	14.7 – 21.8	35.7	28.5 – 42.8	51.2	40.8 – 61.5
Siemens Dimension Vista Systems	mg/dL	18.5	15.6 – 21.5	33.6	28.4 – 38.8	47.3	39.9 – 54.6
Siemens Dimension Xpand (Sentinel) (3)	mg/dL	17.5	14.0 – 21.0	34.3	27.5 – 41.2	47.0	37.6 – 56.4
载脂蛋白 A-I							
Abbott Alinity c Analyzer	mg/dL	89.5	79.1 – 99.9	187	169 – 204	283	258 – 308
Beckman Coulter IMMAGE	mg/dL	88.3	69.8 – 107	177	142 – 213	291	234 – 349
Binding Site Optilite (3)	mg/dL	84.8	67.8 – 102	191	153 – 230	281	225 – 337
DiAgam AATUR (3)	mg/dL	95.0	76.0 – 114	186	149 – 223	242	193 – 290
Roche / Hitachi cobas cSystems	mg/dL	80.6	68.5 – 92.7	176	155 – 197	263	234 – 291
Siemens ADVIA Chemistry Systems (APOA1)	mg/dL	83.6	64.7 – 103	174	132 – 217	268	201 – 336
Siemens Atellica CI 1900 Analyzer (APO A1) (CH) →	mg/dL	82.3	64.1 – 101	179	136 – 221	282	214 – 351
Siemens Atellica Solution (APO A1) (CH)	mg/dL	82.3	64.1 – 101	179	136 – 221	282	214 – 351
Siemens BN Series Nephelometers	mg/dL	90.4	73.6 – 107	184	153 – 215	265	221 – 309
Siemens Dimension Series (Sentinel) (3)	mg/dL	80.0	64.0 – 96.0	194	155 – 233	314	251 – 377
Siemens Dimension Vista Systems	mg/dL	94.6	82.0 – 107	197	172 – 223	287	249 – 324
载脂蛋白 B							
Abbott Alinity c Analyzer	mg/dL	\$		\$		\$	

方法 (1)

	单位	水平 1 - 85721		水平 2 - 85722 (2)		水平 3 - 85723 (2)	
		均值	范围	均值	范围	均值	范围
载脂蛋白 B (续)							
Beckman Coulter IMMAGE	mg/dL	40.0	<35.0 – 47.3	95.5	78.6 – 112	161	133 – 189
Binding Site Optilite (3)	mg/dL	41.2	33.0 – 49.5	101	80.7 – 121	162	129 – 194
DiAgam ABTUR (3)	mg/dL	47.0	38.0 – 56.0	97.0	78.0 – 117	144	115 – 173
Roche / Hitachi cobas cSystems	mg/dL	39.7	32.2 – 47.2	93.7	82.0 – 105	142	126 – 157
Siemens ADVIA Chemistry Systems (APOB)	mg/dL	37.7	26.0 – 49.4	85.9	65.2 – 107	130	101 – 159
Siemens Atellica CI 1900 Analyzer (APO B) (CH) →	mg/dL	40.4	28.2 – 52.5	92.8	71.0 – 115	137	107 – 166
Siemens Atellica Solution (APO B) (CH)	mg/dL	40.4	28.2 – 52.5	92.8	71.0 – 115	137	107 – 166
Siemens BN Series Nephelometers	mg/dL	42.7	33.9 – 51.5	96.7	80.9 – 113	143	121 – 164
Siemens Dimension Series (Sentinel) (3)	mg/dL	43.0	34.0 – 52.0	98.0	79.0 – 118	147	118 – 176
Siemens Dimension Vista Systems	mg/dL	41.3	35.0 – 47.5	98.7	87.5 – 110	146	130 – 161
脂蛋白 (A)							
Abbott Alinity c Analyzer	mg/dL	5.00	<3.10 – 7.22	14.0	9.23 – 18.7	20.5	14.0 – 27.1
Beckman Coulter IMMAGE	mg/dL	4.95	2.81 – 7.08	12.0	7.80 – 16.1	16.2	10.8 – 21.5
Beckman Coulter Synchron/UniCel DxC Series (3)	mg/dL	4.90	3.92 – 5.88	12.8	10.2 – 15.3	19.1	15.3 – 22.9
Binding Site Optilite (3)	mg/dL	4.74	3.79 – 5.68	10.9	8.76 – 13.1	16.9	13.5 – 20.3
Roche / Hitachi cobas cSystems (Gen 2) (LPA2)	mg/dL	3.97	<2.92 – 5.93	9.71	6.20 – 13.2	15.0	10.0 – 20.0
Siemens ADVIA Chemistry Systems	mg/dL	<10.0		15.4	12.0 – 18.9	21.4	17.5 – 25.4
Siemens Atellica CI 1900 Analyzer (Lp(a)) (CH) →	mg/dL	<10.0		15.1	11.8 – 18.4	21.4	17.6 – 25.2
Siemens Atellica Solution (Lp(a)) (CH)	mg/dL	<10.0		15.1	11.8 – 18.4	21.4	17.6 – 25.2
Siemens BN Series Nephelometers	mg/dL		<3.00 – 3.40	7.82	5.68 – 9.96	11.2	8.18 – 14.2
Siemens Dimension Series (Sentinel) (3)	mg/dL	7.83	6.26 – 9.39	14.8	11.8 – 17.8	20.3	16.3 – 24.4
转铁蛋白							
Abbott Alinity c Analyzer	mg/dL	153	141 – 165	249	231 – 268	335	311 – 359
Abbott ARCHITECT cSystems	mg/dL	\$		\$		\$	
Beckman Coulter AU Systems	mg/dL	149	130 – 168	248	223 – 273	342	311 – 373
Beckman Coulter IMMAGE	mg/dL	153	122 – 184	247	201 – 293	356	293 – 419
Beckman Coulter Synchron/UniCel DxC Series	mg/dL	152	138 – 166	252	230 – 273	343	315 – 371
Binding Site Optilite (3)	mg/dL	151	120 – 181	246	197 – 296	333	266 – 399
DAKO Rabbit Anti-Human (3)	mg/dL	\$		\$		\$	
DiAgam TFTUR (3)	mg/dL	150	120 – 180	249	200 – 299	337	269 – 404
Ortho Vitros Microtip Series	mg/dL	150	125 – 175	257	216 – 297	344	290 – 397
Roche / Hitachi cobas cSystems (Gen. 2)	mg/dL	153	140 – 166	252	228 – 276	336	303 – 369
Siemens ADVIA Chemistry Systems (TRF)	mg/dL	158	140 – 176	254	226 – 282	341	304 – 378
Siemens Atellica CI 1900 Analyzer (Trf) (CH) →	mg/dL	154	136 – 172	247	220 – 274	327	292 – 363
Siemens Atellica Solution (Trf) (CH)	mg/dL	154	136 – 172	247	220 – 274	327	292 – 363
Siemens BN Series Nephelometers	mg/dL	150	120 – 181	249	194 – 304	329	254 – 405
Siemens Dimension Series	mg/dL	155	136 – 174	254	224 – 285	338	298 – 378
Siemens Dimension Vista Systems	mg/dL	147	131 – 164	245	216 – 273	343	302 – 383
Wiener lab. CMD series (3)	mg/dL	149	111 – 186	256	192 – 320	346	259 – 432

脚注

- (1) 部分脚注可能不适用于您定制选择的数据表。
- (2) 如果所列值超出最高标准，则执行这些检测前应进行稀释。
- (3) 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 $\pm 3SD$ 范围。

▲ 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。