

## 免疫质控品

货号: IA3111  
批号: 1646EC

包装: 12 x 5 ml  
效期: 2019-04

### 产品描述

本品适用于临床化学体外诊断的免疫质控, 用于监测免疫测定的正确度或重复度。朗道供应三种浓度水平 (水平 1: IA3109; 水平 2: IA3110; 水平 3: IA3111)。

### 安全预防措施和警告

本产品仅用于体外诊断。禁止用口吸。按照实验室常规预防措施对试剂进行处理。

该质控品采用人基质血清, 对所有捐献者的血清均进行了 HIV(HIV1、HIV2) 抗体、肝炎 B 表面抗原(HbsAg) 和肝炎 C 病毒 (HCV) 抗体的测试, 发现均呈阴性。所采用的方法均经 FDA 认证。

然而, 既然没有一种方法能够完全保证其没有传染物质, 因此该质控品和所有的病人样品均应当按照能够传播疾病的样品小心处理。

### 保存和稳定性

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

未开瓶, 2~8℃可保存至效期末。

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

### 使用说明

该免疫质控品为冻干粉。

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

### 需要自备的材料

移液管 蒸馏水

### 赋值

每一批质控血清都要送到参考实验室, 这些实验室通过独特的统计分析方法得到一个结果进行赋值。质控范围值是平均值 $\pm$ 2 S.D., 质控结果应该落在这个区间内; 然而, 朗道赋值系统与客户检测系统存在的差异不可避免, 所以靶值书仅供参考, 建议每个实验室建立自己的参考靶值和可接受范围。

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

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

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

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                      |
|---------------|--------|------------|------|-------------|--------------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                            |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                                  |
| 17-羟基孕酮       | nmol/l | 29.0       | 21.8 | 36.3        | Immunotech RIA                       |
|               | ng/ml  | 9.60       | 7.22 | 12.0        |                                      |
|               | nmol/l | 42.3       | 31.7 | 52.9        | DRG ELISA                            |
|               | ng/ml  | 14.0       | 10.5 | 17.5        |                                      |
|               | nmol/l | 38.2       | 28.7 | 47.8        | DIAsource RIA                        |
|               | ng/ml  | 12.6       | 9.50 | 15.7        |                                      |
|               | nmol/l | 48.3       | 36.2 | 60.4        | IBL ELISA                            |
|               | ng/ml  | 16.0       | 12.0 | 20.0        |                                      |
|               | nmol/l | 38.3       | 28.7 | 47.9        | MP Biomedicals RIA                   |
|               | ng/ml  | 12.7       | 9.50 | 15.9        |                                      |
|               | nmol/l | 83.1       | 62.3 | 104         | Diasorin Liaison                     |
|               | nmol/l | 117        | 87.8 | 146         | Siemens Centaur XP/XPT/Classic       |
| 25-OH-维生素 D   | nmol/l | 61.8       | 46.4 | 77.3        | Roche Vitamin D Total                |
|               | nmol/l | 72.8       | 54.6 | 91.0        | Abbott Architect                     |
|               | nmol/l | 80.5       | 60.4 | 101         | IDS iSYS                             |
|               | nmol/l | 92.2       | 69.2 | 115         | Vitros ECi                           |
|               | nmol/l | 78.3       | 58.7 | 97.9        | Tosoh AIA360                         |
|               | nmol/l | 77.5       | 58.1 | 96.9        | BioMerieux Vidas                     |
|               | nmol/l | 67.2       | 50.4 | 84.0        | Beckman Dxl 600/800                  |
|               | nmol/l | 80.7       | 60.5 | 101         | Fujirebio Lumipulse G                |
|               | nmol/l | 66.1       | 49.6 | 82.6        | Beckman Access 25 OH Vitamin D Total |
|               | pmol/l | 22.4       | 15.7 | 29.1        | Siemens Immulite 2000/2500           |
|               | pg/ml  | 102        | 71.4 | 133         |                                      |
|               | pmol/l | 25.9       | 19.4 | 32.4        | Roche Cobas 6000/8000                |
| 促肾上腺皮质激素      | pg/ml  | 118        | 88.2 | 148         |                                      |
|               | pmol/l | 27.7       | 20.8 | 34.6        | Siemens Immulite 1000                |
|               | pg/ml  | 126        | 94.5 | 158         |                                      |
|               | pmol/l | 21.0       | 15.8 | 26.3        | Roche Modular E170                   |
|               | pg/ml  | 95.4       | 71.8 | 119         |                                      |
|               | pmol/l | 365        | 274  | 456         | DRG ELISA                            |
|               | pg/ml  | 132        | 98.9 | 165         |                                      |
|               | pmol/l | 487        | 365  | 609         | Immunotech RIA                       |
|               | pg/ml  | 176        | 132  | 220         |                                      |
|               | pmol/l | 187        | 140  | 234         | Diasorin Liaison                     |
|               | pg/ml  | 67.5       | 50.5 | 84.5        |                                      |
|               | pmol/l | 187        | 140  | 234         | Diasorin Liaison                     |
| 醛固酮           | pg/ml  | 67.5       | 50.5 | 84.5        |                                      |
|               | pmol/l | 487        | 365  | 609         | Immunotech RIA                       |
|               | pg/ml  | 176        | 132  | 220         |                                      |
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|               | pg/ml  | 176        | 132  | 220         |                                      |
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| 甲胎蛋白 (AFP)    | pg/ml  | 67.5       | 50.5 | 84.5        |                                      |
|               | pmol/l | 487        | 365  | 609         | Immunotech RIA                       |
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## 免疫质控品-水平3

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|---------------|---------------|------------|------|-------------|----------------------------|
| 规格: 12 x 5 ml |               | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                  |
| 分析物           | 单位            | 靶值         | 低值   | 高值          | 方法学                        |
| 甲胎蛋白 (AFP)    | KIU/l = IU/ml | 194        | 155  | 233         | Siemens Immulite 1000      |
|               | ng/ml         | 235        | 188  | 282         |                            |
|               | KIU/l = IU/ml | 207        | 166  | 248         | Beckman Dxl800             |
|               | ng/ml         | 250        | 201  | 299         |                            |
|               | KIU/l = IU/ml | 218        | 174  | 262         | Roche Elecsys              |
|               | ng/ml         | 264        | 211  | 317         |                            |
|               | KIU/l = IU/ml | 240        | 192  | 288         | Diasorin Liaison           |
|               | ng/ml         | 290        | 232  | 348         |                            |
|               | KIU/l = IU/ml | 224        | 179  | 269         | Roche Modular E170         |
|               | ng/ml         | 271        | 217  | 325         |                            |
|               | KIU/l = IU/ml | 219        | 175  | 263         | Beckman Access             |
|               | ng/ml         | 265        | 212  | 318         |                            |
|               | KIU/l = IU/ml | 193        | 154  | 232         | Tosoh AIA360               |
|               | ng/ml         | 234        | 186  | 282         |                            |
|               | KIU/l = IU/ml | 268        | 214  | 322         | Vitros ECI                 |
|               | ng/ml         | 324        | 259  | 389         |                            |
|               | KIU/l = IU/ml | 225        | 180  | 270         | Roche Cobas 6000/8000      |
|               | ng/ml         | 272        | 218  | 326         |                            |
|               | KIU/l = IU/ml | 349        | 279  | 419         | CIS IRMA                   |
|               | ng/ml         | 422        | 338  | 506         |                            |
| 丁胺卡那霉素        | KIU/l = IU/ml | 229        | 183  | 275         | Roche Cobas E411           |
|               | ng/ml         | 277        | 221  | 333         |                            |
|               | KIU/l = IU/ml | 230        | 184  | 276         | Siemens Dimension          |
|               | ng/ml         | 278        | 223  | 333         |                            |
| 雄烯二酮          | KIU/l = IU/ml | 266        | 210  | 322         | Siemens Centaur CP         |
|               | ng/ml         | 322        | 254  | 390         |                            |
| β-2-微球蛋白      | μmol/l        | 25.4       | 20.3 | 30.5        | EMIT                       |
|               | μg/ml         | 14.9       | 11.9 | 17.9        |                            |
|               | μmol/l        | 23.0       | 18.4 | 27.6        | Roche Cobas 6000/8000      |
|               | μg/ml         | 13.5       | 10.8 | 16.2        |                            |
|               | μmol/l        | 24.1       | 19.3 | 28.9        | Gravimetric                |
|               | μg/ml         | 14.1       | 11.3 | 16.9        |                            |
|               | nmol/l        | 46.2       | 32.3 | 60.1        | Siemens Immulite 2000      |
|               | ng/ml         | 13.3       | 9.31 | 17.3        |                            |
|               | μg/ml = mg/l  | 7.43       | 5.94 | 8.92        | Abbott AXSYM               |
|               | μg/ml = mg/l  | 8.24       | 6.59 | 9.89        | Abbott Architect           |
|               | μg/ml = mg/l  | 9.17       | 7.34 | 11.0        | Beckman Immage             |
|               | μg/ml = mg/l  | 8.24       | 6.59 | 9.89        | BioMerieux Vidas           |
|               | μg/ml = mg/l  | 8.38       | 6.70 | 10.1        | Behring Nephelometer       |
|               | μg/ml = mg/l  | 7.54       | 6.03 | 9.05        | Roche Tinaquant            |
|               | μg/ml = mg/l  | 6.67       | 5.34 | 8.00        | Siemens Immulite 2000/2500 |
|               | μg/ml = mg/l  | 6.46       | 5.17 | 7.75        | Diasorin Liaison           |
|               | μg/ml = mg/l  | 7.78       | 6.22 | 9.34        | Tosoh AIA360               |
|               | μg/ml = mg/l  | 7.75       | 6.20 | 9.30        | Roche Cobas E411           |
|               | μg/ml = mg/l  | 7.98       | 6.38 | 9.58        | Roche Cobas 6000/8000      |
|               |               |            |      |             |                            |

## 免疫质控品-水平3

| 货号: IA3111    |              | 批号: 1646EC |       |           | 效期: 2019-04                       |
|---------------|--------------|------------|-------|-----------|-----------------------------------|
| 规格: 12 x 5 ml |              | 范围         |       | 低值=靶值-2SD | 高值=靶值+2SD                         |
| 分析物           | 单位           | 靶值         | 低值    | 高值        | 方法学                               |
| β-2-微球蛋白      | μg/ml = mg/l | 7.68       | 6.14  | 9.22      | Roche Modular E170                |
|               | μg/ml = mg/l | 8.78       | 7.02  | 10.5      | Siemens Dimension                 |
|               | μg/ml = mg/l | 8.63       | 6.90  | 10.4      | Siemens ADVIA 1200/1650/1800/2400 |
| C-肽           | nmol/l       | 1.770      | 1.330 | 2.210     | Siemens Immulite 2000/2500        |
|               | ng/ml        | 5.34       | 4.02  | 6.66      |                                   |
|               | nmol/l       | 1.990      | 1.490 | 2.490     | Roche Elecsys                     |
|               | ng/ml        | 6.01       | 4.50  | 7.52      |                                   |
|               | nmol/l       | 2.040      | 1.530 | 2.550     | Roche Cobas 6000/8000             |
|               | ng/ml        | 6.16       | 4.62  | 7.70      |                                   |
|               | nmol/l       | 1.840      | 1.380 | 2.300     | Siemens Immulite 1000             |
|               | ng/ml        | 5.55       | 4.17  | 6.93      |                                   |
|               | nmol/l       | 2.480      | 1.860 | 3.100     | Diasorin Liaison                  |
|               | ng/ml        | 7.49       | 5.62  | 9.36      |                                   |
|               | nmol/l       | 2.040      | 1.530 | 2.550     | Roche Cobas E411                  |
|               | ng/ml        | 6.16       | 4.62  | 7.70      |                                   |
|               | nmol/l       | 1.990      | 1.490 | 2.490     | Roche Modular E170                |
|               | ng/ml        | 6.01       | 4.50  | 7.52      |                                   |
|               | nmol/l       | 1.560      | 1.170 | 1.950     | Abbott Architect                  |
|               | ng/ml        | 4.71       | 3.53  | 5.89      |                                   |
|               | nmol/l       | 1.640      | 1.230 | 2.050     | Siemens Centaur XP/XPT/Classic    |
|               | ng/ml        | 4.95       | 3.71  | 6.19      |                                   |
|               | nmol/l       | 1.160      | 0.870 | 1.450     | Tosoh AIA360                      |
|               | ng/ml        | 3.50       | 2.63  | 4.37      |                                   |
| CA 15-3       | U/ml         | 92.9       | 74.3  | 111       | Abbott Architect                  |
|               | U/ml         | 70.6       | 56.5  | 84.7      | BioMerieux Vidas                  |
|               | U/ml         | 84.1       | 58.0  | 110       | Siemens Centaur XP/XPT/Classic    |
|               | U/ml         | 105        | 84.0  | 126       | Siemens Immulite 2000/2500        |
|               | U/ml         | 115        | 92.0  | 138       | Siemens Immulite 1000             |
|               | U/ml         | 46.2       | 37.0  | 55.4      | Beckman Dxl800                    |
|               | U/ml         | 81.2       | 65.0  | 97.4      | Roche Elecsys                     |
|               | U/ml         | 78.4       | 62.7  | 94.1      | Diasorin Liaison                  |
|               | U/ml         | 79.9       | 63.9  | 95.9      | Roche Modular E170                |
|               | U/ml         | 47.1       | 37.7  | 56.5      | Beckman Access                    |
|               | U/ml         | 82.0       | 65.6  | 98.4      | Tosoh AIA360                      |
|               | U/ml         | 78.1       | 62.5  | 93.7      | Vitros ECI                        |
|               | U/ml         | 81.6       | 65.3  | 97.9      | Roche Cobas 6000/8000             |
|               | U/ml         | 81.6       | 65.3  | 97.9      | Roche Cobas E411                  |
|               | U/ml         | 89.4       | 61.7  | 117       | Siemens Centaur CP                |
| CA 19-9       | U/ml         | 1813       | 1450  | 2176      | Abbott Architect                  |
|               | U/ml         | 423        | 338   | 508       | BioMerieux Vidas                  |
|               | U/ml         | 564        | 389   | 739       | Siemens Centaur XP/XPT/Classic    |
|               | U/ml         | 223        | 178   | 268       | Siemens Immulite 2000/2500        |
|               | U/ml         | 206        | 165   | 247       | Beckman Dxl800                    |
|               | U/ml         | 143        | 114   | 172       | Roche Elecsys                     |
|               | U/ml         | 330        | 264   | 396       | Diasorin Liaison                  |
|               | U/ml         | 140        | 112   | 168       | Roche Modular E170                |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                             |
|---------------|--------|------------|------|-------------|---------------------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                                   |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                                         |
| CA 19-9       | U/ml   | 227        | 182  | 272         | Beckman Access                              |
|               | U/ml   | 101        | 80.8 | 121         | Tosoh AIA360                                |
|               | U/ml   | 378        | 302  | 454         | Vitros ECI                                  |
|               | U/ml   | 1803       | 1442 | 2164        | Abbott Architect XR/XR2 kit                 |
|               | U/ml   | 139        | 111  | 167         | Roche Cobas 6000/8000                       |
|               | U/ml   | 143        | 114  | 172         | Roche Cobas E411                            |
|               | U/ml   | 543        | 375  | 711         | Siemens Centaur CP                          |
| CA125         | U/ml   | 280        | 224  | 336         | Abbott Architect                            |
|               | U/ml   | 229        | 183  | 275         | BioMerieux Vidas                            |
|               | U/ml   | 222        | 153  | 291         | Siemens Centaur XP/XPT/Classic OV Kit       |
|               | U/ml   | 229        | 158  | 300         | Siemens Centaur XP/XPT/Classic CA125 II kit |
|               | U/ml   | 217        | 174  | 260         | Siemens Immulite 2000/2500                  |
|               | U/ml   | 252        | 202  | 302         | Siemens Immulite 1000                       |
|               | U/ml   | 192        | 154  | 230         | Beckman Dxl800                              |
|               | U/ml   | 213        | 170  | 256         | Roche Elecsys                               |
|               | U/ml   | 281        | 225  | 337         | Diasorin Liaison                            |
|               | U/ml   | 215        | 172  | 258         | Roche Modular E170                          |
|               | U/ml   | 195        | 156  | 234         | Beckman Access                              |
|               | U/ml   | 349        | 279  | 419         | Tosoh AIA360                                |
|               | U/ml   | 224        | 179  | 269         | Vitros ECI                                  |
|               | U/ml   | 216        | 173  | 259         | Roche Cobas E411                            |
|               | U/ml   | 214        | 171  | 257         | Roche Cobas 6000/8000                       |
|               | U/ml   | 231        | 159  | 303         | Siemens Centaur CP CA125 II kit             |
|               | U/ml   | 231        | 159  | 303         | Siemens Centaur CP OV kit                   |
| 立痛定（卡马西平）     | μmol/l | 67.5       | 54.0 | 81.0        | Abbott Architect                            |
|               | μg/ml  | 16.0       | 12.8 | 19.2        |                                             |
|               | μmol/l | 77.2       | 61.8 | 92.6        | Behring Emit                                |
|               | μg/ml  | 18.3       | 14.6 | 22.0        |                                             |
|               | μmol/l | 73.6       | 45.6 | 102         | Siemens Centaur XP/XPT/Classic              |
|               | μg/ml  | 17.4       | 10.8 | 24.0        |                                             |
|               | μmol/l | 69.3       | 55.4 | 83.2        | Siemens Dimension                           |
|               | μg/ml  | 16.4       | 13.1 | 19.7        |                                             |
|               | μmol/l | 60.8       | 48.6 | 73.0        | Siemens Immulite 2000/2500                  |
|               | μg/ml  | 14.4       | 11.5 | 17.3        |                                             |
|               | μmol/l | 63.8       | 51.0 | 76.6        | Siemens Immulite 1000                       |
|               | μg/ml  | 15.1       | 12.1 | 18.1        |                                             |
|               | μmol/l | 66.1       | 52.9 | 79.3        | HPLC                                        |
|               | μg/ml  | 15.6       | 12.5 | 18.7        |                                             |
|               | μmol/l | 74.7       | 59.8 | 89.6        | Roche Integra                               |
|               | μg/ml  | 17.7       | 14.1 | 21.3        |                                             |
|               | μmol/l | 67.6       | 54.1 | 81.1        | Vitros                                      |
|               | μg/ml  | 16.0       | 12.8 | 19.2        |                                             |
|               | μmol/l | 66.5       | 53.2 | 79.8        | Roche Cobas E411                            |
|               | μg/ml  | 15.7       | 12.6 | 18.8        |                                             |
|               | μmol/l | 69.0       | 55.2 | 82.8        | Roche Cobas 6000/8000                       |
|               | μg/ml  | 16.3       | 13.0 | 19.6        |                                             |

## 免疫质控品-水平3

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|---------------|--------------|------------|------|-------------|-----------------------------------|
| 规格: 12 x 5 ml |              | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                         |
| 分析物           | 单位           | 靶值         | 低值   | 高值          | 方法学                               |
| 立痛定 (卡马西平)    | μmol/l       | 68.8       | 55.0 | 82.6        | Beckman DxC                       |
|               | μg/ml        | 16.3       | 13.0 | 19.6        |                                   |
|               | μmol/l       | 71.7       | 57.4 | 86.0        | Beckman AU400/600/640/2700/5400   |
|               | μg/ml        | 16.9       | 13.6 | 20.2        |                                   |
|               | μmol/l       | 65.8       | 52.6 | 79.0        | Siemens ADVIA 1200/1650/1800/2400 |
|               | μg/ml        | 15.6       | 12.4 | 18.8        |                                   |
| 癌胚抗原 (CEA)    | μmol/l       | 72.2       | 57.8 | 86.6        | Gravimetric                       |
|               | μg/ml        | 17.1       | 13.7 | 20.5        |                                   |
|               | ng/ml = μg/l | 59.1       | 47.3 | 70.9        | Abbott Architect                  |
|               | ng/ml = μg/l | 51.4       | 41.1 | 61.7        | BioMerieux Vidas                  |
|               | ng/ml = μg/l | 58.0       | 40.0 | 76.0        | Siemens Centaur XP/XPT/Classic    |
|               | ng/ml = μg/l | 41.0       | 32.8 | 49.2        | CIS RIA Coated tube               |
|               | ng/ml = μg/l | 74.7       | 59.8 | 89.6        | Siemens Immulite 2000/2500        |
|               | ng/ml = μg/l | 74.8       | 59.8 | 89.8        | Siemens Immulite 1000             |
|               | ng/ml = μg/l | 47.8       | 38.2 | 57.4        | Beckman Dxl800                    |
|               | ng/ml = μg/l | 47.5       | 38.0 | 57.0        | Roche Elecsys                     |
|               | ng/ml = μg/l | 47.2       | 37.8 | 56.6        | Diasorin Liaison                  |
|               | ng/ml = μg/l | 45.9       | 36.7 | 55.1        | Roche Modular E170                |
|               | ng/ml = μg/l | 49.4       | 39.5 | 59.3        | Beckman Access                    |
|               | ng/ml = μg/l | 81.8       | 65.4 | 98.2        | Tosoh AIA360                      |
|               | ng/ml = μg/l | 56.4       | 45.1 | 67.7        | Vitros ECI                        |
|               | ng/ml = μg/l | 45.9       | 36.7 | 55.1        | Roche Cobas 6000/8000             |
|               | ng/ml = μg/l | 47.5       | 38.0 | 57.0        | Roche Cobas E411                  |
|               | ng/ml = μg/l | 37.1       | 29.7 | 44.5        | Boditech Med Inc i-CHROMA         |
|               | ng/ml = μg/l | 58.1       | 40.1 | 76.1        | Siemens Centaur CP                |
| 皮质醇           | nmol/l       | 769        | 577  | 961         | Abbott Architect                  |
|               | μg/dl        | 27.7       | 20.8 | 34.6        |                                   |
|               | nmol/l       | 844        | 633  | 1055        | BioMerieux Vidas                  |
|               | μg/dl        | 30.4       | 22.8 | 38.0        |                                   |
|               | nmol/l       | 1030       | 711  | 1349        | Siemens Centaur XP/XPT/Classic    |
|               | μg/dl        | 37.1       | 25.6 | 48.6        |                                   |
|               | nmol/l       | 751        | 563  | 939         | CIS RIA                           |
|               | μg/dl        | 27.0       | 20.3 | 33.7        |                                   |
|               | nmol/l       | 889        | 667  | 1111        | Siemens Immulite 2000/2500        |
|               | μg/dl        | 32.0       | 24.0 | 40.0        |                                   |
|               | nmol/l       | 930        | 698  | 1163        | Siemens Immulite 1000             |
|               | μg/dl        | 33.5       | 25.1 | 41.9        |                                   |
|               | nmol/l       | 862        | 647  | 1078        | Beckman Dxl800                    |
|               | μg/dl        | 31.0       | 23.3 | 38.7        |                                   |
|               | nmol/l       | 909        | 682  | 1136        | Roche Elecsys                     |
|               | μg/dl        | 32.7       | 24.6 | 40.8        |                                   |
|               | nmol/l       | 935        | 701  | 1169        | Diasorin Liaison                  |
|               | μg/dl        | 33.7       | 25.2 | 42.2        |                                   |
|               | nmol/l       | 887        | 665  | 1109        | Roche Modular E170                |
|               | μg/dl        | 31.9       | 23.9 | 39.9        |                                   |
|               | nmol/l       | 957        | 718  | 1196        | Beckman Access                    |
|               | μg/dl        | 34.5       | 25.8 | 43.2        |                                   |

## 免疫质控品-水平3

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|---------------|--------|------------|------|-------------|--------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                      |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                            |
| 皮质醇           | nmol/l | 965        | 724  | 1206        | Tosoh AIA360                   |
|               | µg/dl  | 34.7       | 26.1 | 43.3        |                                |
|               | nmol/l | 854        | 641  | 1068        | Vitros ECI                     |
|               | µg/dl  | 30.7       | 23.1 | 38.3        |                                |
|               | nmol/l | 893        | 670  | 1116        | Roche Cobas 6000/8000          |
|               | µg/dl  | 32.1       | 24.1 | 40.1        |                                |
|               | nmol/l | 932        | 699  | 1165        | Roche Cobas E411               |
|               | µg/dl  | 33.6       | 25.2 | 42.0        |                                |
|               | nmol/l | 1117       | 771  | 1463        | Siemens Centaur CP             |
|               | µg/dl  | 40.2       | 27.7 | 52.7        |                                |
|               | nmol/l | 795        | 596  | 994         | Roche Modular E170 Gen II      |
|               | µg/dl  | 28.6       | 21.5 | 35.7        |                                |
| 去表雄酮硫酸盐       | nmol/l | 850        | 638  | 1063        | Roche Cobas 4000/e411 Gen II   |
|               | µg/dl  | 30.6       | 23.0 | 38.2        |                                |
|               | nmol/l | 828        | 621  | 1035        | Roche Cobas 6000/8000 Gen II   |
|               | µg/dl  | 29.8       | 22.4 | 37.2        |                                |
|               | nmol/l | 913        | 685  | 1141        | Roche Elecsys Gen II           |
|               | µg/dl  | 32.9       | 24.7 | 41.1        |                                |
|               | µmol/l | 23.9       | 19.1 | 28.7        | Abbott Architect               |
|               | µmol/l | 20.5       | 16.4 | 24.6        | Siemens Immulite 2000/2500     |
|               | µmol/l | 21.2       | 17.0 | 25.4        | Siemens Immulite 1000          |
|               | µmol/l | 19.7       | 15.8 | 23.6        | Beckman Dxl800                 |
|               | µmol/l | 26.4       | 21.1 | 31.7        | Roche Elecsys                  |
|               | µmol/l | 27.0       | 21.6 | 32.4        | Roche Modular E170             |
| 地高辛           | µmol/l | 20.8       | 16.6 | 25.0        | Beckman Access                 |
|               | µmol/l | 18.5       | 14.8 | 22.2        | Diasorin Liaison               |
|               | µmol/l | 18.9       | 11.3 | 26.5        | Siemens Centaur XP/XPT/Classic |
|               | µmol/l | 29.1       | 23.3 | 34.9        | Roche Cobas E411               |
|               | µmol/l | 27.0       | 21.6 | 32.4        | Roche Cobas 6000/8000          |
|               | nmol/l | 3.70       | 2.96 | 4.44        | Abbott AXSYM                   |
|               | ng/ml  | 2.89       | 2.31 | 3.47        |                                |
|               | nmol/l | 3.60       | 2.88 | 4.32        | Abbott Architect               |
|               | ng/ml  | 2.81       | 2.25 | 3.37        |                                |
|               | nmol/l | 3.96       | 3.17 | 4.75        | BioMerieux Vidas               |
|               | ng/ml  | 3.09       | 2.48 | 3.70        |                                |
|               | nmol/l | 4.45       | 3.47 | 5.43        | Siemens Centaur XP/XPT/Classic |
| 地高辛           | ng/ml  | 3.48       | 2.71 | 4.25        |                                |
|               | nmol/l | 4.16       | 3.33 | 4.99        | Siemens Dimension              |
|               | ng/ml  | 3.25       | 2.60 | 3.90        |                                |
|               | nmol/l | 4.32       | 3.46 | 5.18        | Siemens Immulite 2000/2500     |
|               | ng/ml  | 3.37       | 2.70 | 4.04        |                                |
|               | nmol/l | 5.13       | 4.10 | 6.16        | Siemens Immulite 1000          |
|               | ng/ml  | 4.01       | 3.20 | 4.82        |                                |
|               | nmol/l | 4.04       | 3.23 | 4.85        | Beckman Dxl800                 |
|               | ng/ml  | 3.16       | 2.52 | 3.80        |                                |

## 免疫质控品-水平3

| 货号: IA3111    |              | 批号: 1646EC |      | 效期: 2019-04 |                                   |
|---------------|--------------|------------|------|-------------|-----------------------------------|
| 规格: 12 x 5 ml |              | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                         |
| 分析物           | 单位           | 靶值         | 低值   | 高值          | 方法学                               |
| 地高辛           | nmol/l       | 4.90       | 3.92 | 5.88        | Roche Elecsys                     |
|               | ng/ml        | 3.83       | 3.06 | 4.60        |                                   |
|               | nmol/l       | 3.85       | 3.08 | 4.62        | Roche Integra                     |
|               | ng/ml        | 3.01       | 2.41 | 3.61        |                                   |
|               | nmol/l       | 4.67       | 3.74 | 5.60        | Roche Modular E170                |
|               | ng/ml        | 3.65       | 2.92 | 4.38        |                                   |
|               | nmol/l       | 4.06       | 3.25 | 4.87        | Vitros                            |
|               | ng/ml        | 3.17       | 2.54 | 3.80        |                                   |
|               | nmol/l       | 4.71       | 3.77 | 5.65        | Roche Cobas E411                  |
|               | ng/ml        | 3.68       | 2.94 | 4.42        |                                   |
|               | nmol/l       | 4.87       | 3.90 | 5.84        | Roche Cobas 6000/8000             |
|               | ng/ml        | 3.80       | 3.05 | 4.55        |                                   |
|               | nmol/l       | 3.66       | 2.93 | 4.39        | Beckman DxC                       |
|               | ng/ml        | 2.86       | 2.29 | 3.43        |                                   |
|               | nmol/l       | 4.26       | 3.41 | 5.11        | Beckman AU400/600/640/2700/5400   |
|               | ng/ml        | 3.33       | 2.66 | 4.00        |                                   |
|               | nmol/l       | 4.03       | 3.22 | 4.84        | Siemens ADVIA 1200/1650/1800/2400 |
|               | ng/ml        | 3.15       | 2.51 | 3.79        |                                   |
|               | nmol/l       | 4.37       | 3.50 | 5.24        | Microgenics DRI assay             |
|               | ng/ml        | 3.41       | 2.73 | 4.09        |                                   |
|               | nmol/l       | 4.64       | 3.71 | 5.57        | Roche Cobas 4000/E411             |
|               | ng/ml        | 3.62       | 2.90 | 4.34        |                                   |
|               | nmol/l       | 5.12       | 4.10 | 6.14        | Gravimetric                       |
|               | ng/ml        | 4.00       | 3.20 | 4.80        |                                   |
| 乙琥胺           | μmol/l       | 493        | 395  | 592         | Gravimetric                       |
|               | μg/ml        | 70.0       | 56.0 | 83.9        |                                   |
| 血清铁蛋白         | ng/ml = μg/l | 403        | 322  | 484         | Abbott Architect                  |
|               | ng/ml = μg/l | 272        | 218  | 326         | BioMerieux Vidas                  |
|               | ng/ml = μg/l | 263        | 210  | 316         | Roche Tinaquant                   |
|               | ng/ml = μg/l | 323        | 252  | 394         | Siemens Centaur XP/XPT/Classic    |
|               | ng/ml = μg/l | 297        | 238  | 356         | Siemens Dimension                 |
|               | ng/ml = μg/l | 302        | 242  | 362         | Siemens Immulite 2000/2500        |
|               | ng/ml = μg/l | 265        | 212  | 318         | Siemens Immulite 1000             |
|               | ng/ml = μg/l | 229        | 183  | 275         | Beckman Dxl800                    |
|               | ng/ml = μg/l | 315        | 252  | 378         | Roche Elecsys                     |
|               | ng/ml = μg/l | 342        | 274  | 410         | Diasorin Liaison                  |
|               | ng/ml = μg/l | 320        | 256  | 384         | Roche Modular E170                |
|               | ng/ml = μg/l | 233        | 186  | 280         | Beckman Access                    |
|               | ng/ml = μg/l | 231        | 185  | 277         | Tosoh AIA360                      |
|               | ng/ml = μg/l | 212        | 170  | 254         | Vitros ECI                        |
|               | ng/ml = μg/l | 282        | 226  | 338         | Immunotech IRMA                   |
|               | ng/ml = μg/l | 312        | 250  | 374         | Roche Cobas E411                  |
|               | ng/ml = μg/l | 252        | 202  | 302         | Siemens/Dade Behring Nephelometer |
|               | ng/ml = μg/l | 275        | 220  | 330         | Beckman AU400/600/640/2700/5400   |
|               | ng/ml = μg/l | 311        | 243  | 379         | Siemens Centaur CP                |
| 叶酸            | nmol/l       | 20.6       | 15.7 | 25.5        | Abbott Architect                  |
|               | ng/ml        | 9.08       | 6.92 | 11.2        |                                   |



## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |       | 效期: 2019-04 |                                               |
|---------------|--------|------------|-------|-------------|-----------------------------------------------|
| 规格: 12 x 5 ml |        | 范围         |       | 低值=靶值-2SD   | 高值=靶值+2SD                                     |
| 分析物           | 单位     | 靶值         | 低值    | 高值          | 方法学                                           |
| 叶酸            | nmol/l | 45.1       | 27.1  | 63.1        | Siemens Centaur XP/XPT/Classic (enhanced kit) |
|               | ng/ml  | 19.9       | 11.9  | 27.9        |                                               |
|               | nmol/l | 19.1       | 14.5  | 23.7        | Siemens Immulite 2000                         |
|               | ng/ml  | 8.42       | 6.39  | 10.5        |                                               |
|               | nmol/l | 23.1       | 17.6  | 28.6        | Beckman Dxl800                                |
|               | ng/ml  | 10.2       | 7.76  | 12.6        |                                               |
|               | nmol/l | 26.1       | 19.8  | 32.4        | Roche Elecsys                                 |
|               | ng/ml  | 11.5       | 8.73  | 14.3        |                                               |
|               | nmol/l | 27.5       | 20.9  | 34.1        | Roche Modular E170                            |
|               | ng/ml  | 12.1       | 9.22  | 15.0        |                                               |
|               | nmol/l | 23.9       | 18.2  | 29.6        | Beckman Access                                |
|               | ng/ml  | 10.5       | 8.03  | 13.0        |                                               |
|               | nmol/l | 34.3       | 26.1  | 42.5        | Tosoh AIA360                                  |
|               | ng/ml  | 15.1       | 11.5  | 18.7        |                                               |
|               | nmol/l | 14.9       | 11.3  | 18.5        | Vitros ECI                                    |
|               | ng/ml  | 6.57       | 4.98  | 8.16        |                                               |
|               | nmol/l | 16.9       | 12.8  | 21.0        | MP Biomedicals RIA                            |
|               | ng/ml  | 7.45       | 5.64  | 9.26        |                                               |
|               | nmol/l | 25.9       | 19.7  | 32.1        | Roche Cobas E411                              |
|               | ng/ml  | 11.4       | 8.69  | 14.1        |                                               |
| 游离 T3         | nmol/l | 26.1       | 19.8  | 32.4        | Roche Cobas 6000/8000                         |
|               | ng/ml  | 11.5       | 8.73  | 14.3        |                                               |
|               | nmol/l | 13.9       | 10.6  | 17.2        | Siemens Dimension                             |
|               | ng/ml  | 6.13       | 4.67  | 7.59        |                                               |
|               | pmol/l | 24.2       | 18.2  | 30.3        | Abbott Architect                              |
|               | ng/dl  | 1.57       | 1.18  | 1.96        |                                               |
|               | pg/ml  | 15.8       | 11.8  | 19.8        |                                               |
|               | pmol/l | 24.6       | 18.5  | 30.8        | BioMerieux Vidas                              |
|               | ng/dl  | 1.60       | 1.20  | 2.00        |                                               |
|               | pg/ml  | 16.0       | 12.0  | 20.0        |                                               |
|               | pmol/l | 24.7       | 14.8  | 34.6        | Siemens Centaur XP/XPT/Classic                |
|               | ng/dl  | 1.61       | 0.966 | 2.25        |                                               |
|               | pg/ml  | 16.1       | 9.66  | 22.5        |                                               |
|               | pmol/l | 17.7       | 13.3  | 22.1        | Siemens Immulite 2000/2500                    |
|               | ng/dl  | 1.15       | 0.865 | 1.44        |                                               |
|               | pg/ml  | 11.5       | 8.66  | 14.3        |                                               |
|               | pmol/l | 17.2       | 12.9  | 21.5        | Siemens Immulite 1000                         |
|               | ng/dl  | 1.12       | 0.839 | 1.40        |                                               |
|               | pg/ml  | 11.2       | 8.40  | 14.0        |                                               |
|               | pmol/l | 20.4       | 15.3  | 25.5        | Beckman Dxl800                                |
|               | ng/dl  | 1.33       | 0.995 | 1.67        |                                               |
|               | pg/ml  | 13.3       | 9.96  | 16.6        |                                               |
|               | pmol/l | 30.1       | 22.6  | 37.6        | Roche Elecsys                                 |
|               | ng/dl  | 1.96       | 1.47  | 2.45        |                                               |
|               | pg/ml  | 19.6       | 14.7  | 24.5        |                                               |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |       | 效期: 2019-04 |                                |
|---------------|--------|------------|-------|-------------|--------------------------------|
| 规格: 12 x 5 ml |        | 范围         |       | 低值=靶值-2SD   | 高值=靶值+2SD                      |
| 分析物           | 单位     | 靶值         | 低值    | 高值          | 方法学                            |
| 游离 T3         | pmol/l | 42.8       | 32.1  | 53.5        | Diasorin Liaison               |
|               | ng/dl  | 2.78       | 2.09  | 3.47        |                                |
|               | pg/ml  | 27.9       | 20.9  | 34.9        |                                |
|               | pmol/l | 30.3       | 22.7  | 37.9        | Roche Modular E170             |
|               | ng/dl  | 1.97       | 1.48  | 2.46        |                                |
|               | pg/ml  | 19.7       | 14.8  | 24.6        |                                |
|               | pmol/l | 21.4       | 16.1  | 26.8        | Beckman Access                 |
|               | ng/dl  | 1.39       | 1.05  | 1.73        |                                |
|               | pg/ml  | 13.9       | 10.5  | 17.3        |                                |
|               | pmol/l | 39.0       | 29.3  | 48.8        | Tosoh AIA360                   |
|               | ng/dl  | 2.54       | 1.90  | 3.18        |                                |
|               | pg/ml  | 25.4       | 19.1  | 31.7        |                                |
|               | pmol/l | 35.0       | 26.3  | 43.8        | Vitros ECI                     |
|               | ng/dl  | 2.28       | 1.71  | 2.85        |                                |
|               | pg/ml  | 22.8       | 17.1  | 28.5        |                                |
|               | pmol/l | 30.1       | 22.6  | 37.6        | Roche Cobas E411               |
|               | ng/dl  | 1.96       | 1.47  | 2.45        |                                |
|               | pg/ml  | 19.6       | 14.7  | 24.5        |                                |
|               | pmol/l | 30.3       | 22.7  | 37.9        | Roche Cobas 6000/8000          |
|               | ng/dl  | 1.97       | 1.48  | 2.46        |                                |
|               | pg/ml  | 19.7       | 14.8  | 24.6        |                                |
|               | pmol/l | 33.8       | 25.4  | 42.3        | Siemens Dimension Vista LOCI   |
|               | ng/dl  | 2.20       | 1.65  | 2.75        |                                |
|               | pg/ml  | 22.0       | 16.5  | 27.5        |                                |
|               | pmol/l | 24.0       | 14.4  | 33.6        | Siemens Centaur CP             |
|               | ng/dl  | 1.56       | 0.936 | 2.18        |                                |
|               | pg/ml  | 15.6       | 9.36  | 21.8        |                                |
| 游离 T4         | pmol/l | 51.0       | 38.3  | 63.8        | Abbott Architect               |
|               | ng/dl  | 3.98       | 2.99  | 4.97        |                                |
|               | pg/ml  | 39.8       | 29.9  | 49.7        |                                |
|               | pmol/l | 51.8       | 38.9  | 64.7        | Siemens Centaur XP/XPT/Classic |
|               | ng/dl  | 4.04       | 3.03  | 5.05        |                                |
|               | pg/ml  | 40.4       | 30.3  | 50.5        |                                |
|               | pmol/l | 60.5       | 45.4  | 75.6        | CIS RIA Coated tube            |
|               | ng/dl  | 4.72       | 3.54  | 5.90        |                                |
|               | pg/ml  | 47.2       | 35.4  | 59.0        |                                |
|               | pmol/l | 73.2       | 54.9  | 91.5        | Siemens Immulite 2000/2500     |
|               | ng/dl  | 5.71       | 4.28  | 7.14        |                                |
|               | pg/ml  | 57.1       | 42.8  | 71.4        |                                |
|               | pmol/l | 74.1       | 55.6  | 92.6        | Siemens Immulite 1000          |
|               | ng/dl  | 5.78       | 4.34  | 7.22        |                                |
|               | pg/ml  | 57.8       | 43.4  | 72.2        |                                |
|               | pmol/l | 59.9       | 44.9  | 74.9        | Beckman Dxl800                 |
|               | ng/dl  | 4.67       | 3.50  | 5.84        |                                |
|               | pg/ml  | 46.7       | 35.0  | 58.4        |                                |
|               | pmol/l | 79.2       | 59.4  | 99.0        | Roche Elecsys                  |
|               | ng/dl  | 6.18       | 4.63  | 7.73        |                                |
|               | pg/ml  | 61.8       | 46.3  | 77.3        |                                |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                |
|---------------|--------|------------|------|-------------|--------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                      |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                            |
| 游离 T4         | pmol/l | 104        | 78.0 | 130         | Diasorin Liaison               |
|               | ng/dl  | 8.11       | 6.08 | 10.1        |                                |
|               | pg/ml  | 81.1       | 60.8 | 101         |                                |
|               | pmol/l | 77.9       | 58.4 | 97.4        | Roche Modular E170             |
|               | ng/dl  | 6.08       | 4.56 | 7.60        |                                |
|               | pg/ml  | 60.8       | 45.6 | 76.0        |                                |
|               | pmol/l | 55.3       | 41.5 | 69.1        | Beckman Access                 |
|               | ng/dl  | 4.31       | 3.24 | 5.38        |                                |
|               | pg/ml  | 43.1       | 32.4 | 53.8        |                                |
|               | pmol/l | 73.9       | 55.4 | 92.4        | Tosoh AIA360                   |
|               | ng/dl  | 5.76       | 4.32 | 7.20        |                                |
|               | pg/ml  | 57.6       | 43.2 | 72.0        |                                |
|               | pmol/l | 79.3       | 59.5 | 99.0        | Roche Cobas 6000/8000          |
|               | ng/dl  | 6.19       | 4.64 | 7.74        |                                |
|               | pg/ml  | 61.9       | 46.4 | 77.4        |                                |
|               | pmol/l | 55.8       | 41.9 | 69.8        | Immunotech IRMA                |
|               | ng/dl  | 4.35       | 3.27 | 5.43        |                                |
|               | pg/ml  | 43.5       | 32.7 | 54.3        |                                |
|               | pmol/l | 79.9       | 59.9 | 100         | Roche Cobas E411               |
|               | ng/dl  | 6.23       | 4.67 | 7.79        |                                |
|               | pg/ml  | 62.3       | 46.7 | 77.9        |                                |
|               | pmol/l | 73.2       | 54.9 | 91.5        | Brahms RIA                     |
|               | ng/dl  | 5.71       | 4.28 | 7.14        |                                |
|               | pg/ml  | 57.1       | 42.8 | 71.4        |                                |
| 卵泡刺激素 (FSH)   | pmol/l | 45.8       | 34.4 | 57.3        | Monobind Inc. ELISA / CLIA     |
|               | ng/dl  | 3.57       | 2.68 | 4.46        |                                |
|               | pg/ml  | 35.7       | 26.8 | 44.6        |                                |
|               | pmol/l | 89.7       | 67.3 | 112         | Siemens Dimension Vista LOCI   |
|               | ng/dl  | 7.00       | 5.25 | 8.75        |                                |
|               | pg/ml  | 70.0       | 52.5 | 87.5        |                                |
|               | pmol/l | 79.8       | 59.9 | 100         | Biomerieux Vidas FT4N Kit      |
|               | ng/dl  | 6.22       | 4.67 | 7.77        |                                |
|               | pg/ml  | 62.2       | 46.7 | 77.7        |                                |
|               | pmol/l | 56.5       | 42.4 | 70.6        | Siemens Centaur CP             |
|               | ng/dl  | 4.41       | 3.31 | 5.51        |                                |
|               | pg/ml  | 44.1       | 33.1 | 55.1        |                                |
|               | mU/ml  | 55.8       | 44.6 | 67.0        | Abbott Architect               |
|               | mU/ml  | 79.7       | 63.8 | 95.6        | BioMerieux Vidas               |
|               | mU/ml  | 85.2       | 66.5 | 104         | Siemens Centaur XP/XPT/Classic |
|               | mU/ml  | 64.2       | 51.4 | 77.0        | Siemens Immulite 2000/2500     |
|               | mU/ml  | 60.5       | 48.4 | 72.6        | Siemens Immulite 1000          |
|               | mU/ml  | 66.8       | 53.4 | 80.2        | Beckman Dxl800                 |
|               | mU/ml  | 63.3       | 50.6 | 76.0        | Roche/BM Elecsys               |
|               | mU/ml  | 80.1       | 64.1 | 96.1        | Diasorin Liaison               |

## 免疫质控品-水平3

| 货号: IA3111    |               | 批号: 1646EC |      |           | 效期: 2019-04                    |
|---------------|---------------|------------|------|-----------|--------------------------------|
| 规格: 12 x 5 ml |               | 范围         |      | 低值=靶值-2SD | 高值=靶值+2SD                      |
| 分析物           | 单位            | 靶值         | 低值   | 高值        | 方法学                            |
| 卵泡刺激素 (FSH)   | mU/ml         | 60.5       | 48.4 | 72.6      | Roche Modular E170             |
|               | mU/ml         | 66.9       | 53.5 | 80.3      | Beckman Access                 |
|               | mU/ml         | 62.9       | 50.3 | 75.5      | Tosoh AIA360                   |
|               | mU/ml         | 50.4       | 40.3 | 60.5      | Vitros Eci                     |
|               | mU/ml         | 63.6       | 50.9 | 76.3      | Roche Cobas E411               |
|               | mU/ml         | 60.8       | 48.6 | 73.0      | Roche Cobas 6000/8000          |
|               | mU/ml         | 56.8       | 45.4 | 68.2      | Immunotech IRMA                |
|               | mU/ml         | 74.3       | 58.0 | 90.6      | Siemens Centaur CP             |
| 庆大霉素          | μmol/l        | 10.5       | 8.40 | 12.6      | Roche Integra                  |
|               | μg/ml         | 5.02       | 4.02 | 6.02      |                                |
|               | μmol/l        | 12.2       | 9.27 | 15.1      | Siemens Centaur XP/XPT/Classic |
|               | μg/ml         | 5.83       | 4.43 | 7.23      |                                |
|               | μmol/l        | 10.7       | 8.56 | 12.8      | Siemens Dimension Vista        |
|               | μg/ml         | 5.11       | 4.09 | 6.13      |                                |
|               | μmol/l        | 12.9       | 10.3 | 15.5      | Beckman DxC                    |
|               | μg/ml         | 6.17       | 4.92 | 7.42      |                                |
| 生长激素 (GH)     | μU/ml         | 74.1       | 59.3 | 88.9      | Siemens Immulite 2000/2500     |
|               | ng/ml         | 24.7       | 19.7 | 29.7      |                                |
|               | μU/ml         | 80.5       | 64.4 | 96.6      | Siemens Immulite 1000          |
|               | ng/ml         | 26.8       | 21.4 | 32.2      |                                |
|               | μU/ml         | 63.8       | 51.0 | 76.6      | Beckman Dxl800                 |
|               | ng/ml         | 21.2       | 17.0 | 25.4      |                                |
|               | μU/ml         | 64.8       | 51.8 | 77.8      | Roche Modular E170             |
|               | ng/ml         | 21.6       | 17.2 | 26.0      |                                |
|               | μU/ml         | 66.5       | 53.2 | 79.8      | Beckman Access                 |
|               | ng/ml         | 22.1       | 17.7 | 26.5      |                                |
|               | μU/ml         | 75.9       | 60.7 | 91.1      | Tosoh AIA360                   |
|               | ng/ml         | 25.3       | 20.2 | 30.4      |                                |
|               | μU/ml         | 71.9       | 57.5 | 86.3      | Diasorin Liaison               |
|               | ng/ml         | 23.9       | 19.1 | 28.7      |                                |
|               | μU/ml         | 65.0       | 52.0 | 78.0      | Roche Cobas E411               |
|               | ng/ml         | 21.6       | 17.3 | 25.9      |                                |
| 免疫球蛋白 E       | μU/ml         | 64.8       | 51.8 | 77.8      | Roche Cobas 6000/8000          |
|               | ng/ml         | 21.6       | 17.2 | 26.0      |                                |
|               | μU/ml         | 74.2       | 59.4 | 89.0      | IDS iSYS                       |
|               | ng/ml         | 24.7       | 19.8 | 29.6      |                                |
|               | KIU/l = IU/ml | 424        | 339  | 509       | Abbott Architect               |
|               | KIU/l = IU/ml | 370        | 296  | 444       | Beckman Immage                 |
|               | KIU/l = IU/ml | 396        | 317  | 475       | BioMerieux Vidas               |
|               | KIU/l = IU/ml | 398        | 239  | 557       | Siemens Centaur XP/XPT/Classic |
|               | KIU/l = IU/ml | 442        | 354  | 530       | Siemens Immulite 2000/2500     |
|               | KIU/l = IU/ml | 443        | 354  | 532       | Siemens Immulite 1000          |
|               | KIU/l = IU/ml | 401        | 321  | 481       | Beckman Dxl800                 |
|               | KIU/l = IU/ml | 436        | 349  | 523       | Roche Elecsys                  |

## 免疫质控品-水平3

| 货号: IA3111    |               | 批号: 1646EC |      | 效期: 2019-04 |                                |
|---------------|---------------|------------|------|-------------|--------------------------------|
| 规格: 12 x 5 ml |               | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                      |
| 分析物           | 单位            | 靶值         | 低值   | 高值          | 方法学                            |
| 免疫球蛋白 E       | KIU/l = IU/ml | 396        | 317  | 475         | Pharmacia Unicap               |
|               | KIU/l = IU/ml | 451        | 361  | 541         | Roche Modular E170             |
|               | KIU/l = IU/ml | 426        | 341  | 511         | Beckman Access                 |
|               | KIU/l = IU/ml | 413        | 330  | 496         | Tosoh AIA360                   |
|               | KIU/l = IU/ml | 449        | 359  | 539         | Roche Cobas E411               |
|               | KIU/l = IU/ml | 450        | 360  | 540         | Roche Cobas 6000/8000          |
|               | KIU/l = IU/ml | 412        | 247  | 577         | Siemens Centaur CP             |
| 胰岛素           | mU/l          | 23.6       | 17.7 | 29.5        | Siemens Centaur XP/XPT/Classic |
|               | pmol/l        | 164        | 123  | 205         |                                |
|               | mU/l          | 9.82       | 7.37 | 12.3        | Siemens Immulite 1000          |
|               | pmol/l        | 68.2       | 51.2 | 85.2        |                                |
|               | mU/l          | 26.5       | 19.9 | 33.1        | Roche Modular E170             |
|               | pmol/l        | 184        | 138  | 230         |                                |
|               | mU/l          | 11.8       | 8.85 | 14.8        | Siemens Immulite 2000          |
|               | pmol/l        | 82.0       | 61.5 | 103         |                                |
|               | mU/l          | 25.3       | 19.0 | 31.6        | Roche Elecsys                  |
|               | pmol/l        | 176        | 132  | 220         |                                |
|               | mU/l          | 21.6       | 16.2 | 27.0        | Beckman Access                 |
|               | pmol/l        | 150        | 113  | 187         |                                |
|               | mU/l          | 19.6       | 14.7 | 24.5        | Abbott Architect               |
|               | pmol/l        | 136        | 102  | 170         |                                |
|               | mU/l          | 39.1       | 29.3 | 48.9        | Tosoh AIA360                   |
|               | pmol/l        | 272        | 203  | 341         |                                |
|               | mU/l          | 25.9       | 19.4 | 32.4        | Roche Cobas E411               |
|               | pmol/l        | 180        | 135  | 225         |                                |
|               | mU/l          | 20.8       | 15.6 | 26.0        | Beckman Dxl 600/800            |
|               | pmol/l        | 144        | 108  | 180         |                                |
|               | mU/l          | 28.3       | 21.2 | 35.4        | Diasorin Liaison               |
|               | pmol/l        | 197        | 147  | 247         |                                |
|               | mU/l          | 26.4       | 19.8 | 33.0        | Roche Cobas 6000/8000          |
|               | pmol/l        | 183        | 138  | 228         |                                |
|               | mU/l          | 25.0       | 18.8 | 31.2        | Siemens Centaur CP             |
|               | pmol/l        | 174        | 131  | 217         |                                |
| 促黄体生成素 (LH)   | mU/ml         | 53.7       | 43.0 | 64.4        | Abbott Architect               |
|               | mU/ml         | 60.9       | 48.7 | 73.1        | BioMerieux Vidas               |
|               | mU/ml         | 66.9       | 51.5 | 82.3        | Siemens Centaur XP/XPT/Classic |
|               | mU/ml         | 77.2       | 61.8 | 92.6        | Siemens Immulite 2000          |
|               | mU/ml         | 80.9       | 64.7 | 97.1        | Siemens Immulite 1000          |
|               | mU/ml         | 44.6       | 35.7 | 53.5        | Beckman Dxl800                 |
|               | mU/ml         | 63.7       | 51.0 | 76.4        | Roche Elecsys                  |
|               | mU/ml         | 81.9       | 65.5 | 98.3        | Diasorin Liaison               |
|               | mU/ml         | 63.9       | 51.1 | 76.7        | Roche Modular E170             |
|               | mU/ml         | 46.0       | 36.8 | 55.2        | Beckman Access                 |
|               | mU/ml         | 59.5       | 47.6 | 71.4        | Tosoh AIA360                   |
|               | mU/ml         | 70.7       | 56.6 | 84.8        | Vitros Eci                     |
|               | mU/ml         | 63.7       | 51.0 | 76.4        | Roche Cobas E411               |
|               | mU/ml         |            |      |             |                                |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                               |
|---------------|--------|------------|------|-------------|-----------------------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                                     |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                                           |
| 促黄体生成素 (LH)   | mU/ml  | 63.7       | 51.0 | 76.4        | Roche Cobas 6000/8000                         |
|               | mU/ml  | 64.6       | 49.7 | 79.5        | Siemens Centaur CP                            |
| 雌二醇 (E2)      | pmol/l | 1000       | 800  | 1200        | Abbott Architect                              |
|               | pg/ml  | 272        | 218  | 326         |                                               |
|               | pmol/l | 2330       | 1864 | 2796        | BioMerieux Vidas                              |
|               | pg/ml  | 634        | 507  | 761         |                                               |
|               | pmol/l | 2007       | 1244 | 2770        | Siemens Centaur XP/XPT/Classic                |
|               | pg/ml  | 546        | 339  | 753         |                                               |
|               | pmol/l | 1888       | 1510 | 2266        | Siemens Immulite 2000/2500                    |
|               | pg/ml  | 514        | 411  | 617         |                                               |
|               | pmol/l | 2142       | 1714 | 2570        | Siemens Immulite 1000                         |
|               | pg/ml  | 583        | 466  | 700         |                                               |
|               | pmol/l | 1735       | 1388 | 2082        | Beckman Dxl800                                |
|               | pg/ml  | 472        | 378  | 566         |                                               |
|               | pmol/l | 1198       | 958  | 1438        | Roche Elecsys (Estradiol II)                  |
|               | pg/ml  | 326        | 261  | 391         |                                               |
|               | pmol/l | 1217       | 974  | 1460        | Roche Modular E170 (Estradiol II)             |
|               | pg/ml  | 331        | 265  | 397         |                                               |
|               | pmol/l | 1830       | 1464 | 2196        | Beckman Access                                |
|               | pg/ml  | 498        | 398  | 598         |                                               |
|               | pmol/l | 1530       | 1224 | 1836        | Tosoh (E2)                                    |
|               | pg/ml  | 416        | 333  | 499         |                                               |
|               | pmol/l | 1979       | 1583 | 2375        | Vitros Eci                                    |
|               | pg/ml  | 538        | 431  | 645         |                                               |
|               | pmol/l | 1194       | 955  | 1433        | Roche Cobas 6000/8000 (Estradiol II)          |
|               | pg/ml  | 325        | 260  | 390         |                                               |
|               | pmol/l | 1258       | 1006 | 1510        | Roche Cobas 4000/E411 (Estradiol II)          |
|               | pg/ml  | 342        | 274  | 410         |                                               |
|               | pmol/l | 1974       | 1224 | 2724        | Siemens Centaur XP/XPT/Classic Enhanced (eE2) |
|               | pg/ml  | 537        | 333  | 741         |                                               |
|               | pmol/l | 2093       | 1298 | 2888        | Siemens Centaur XP/XPT/Classic E26 III        |
|               | pg/ml  | 569        | 353  | 785         |                                               |
|               | pmol/l | 1502       | 1202 | 1802        | Tosoh (iE2-hsE2)                              |
|               | pg/ml  | 409        | 327  | 491         |                                               |
|               | pmol/l | 515        | 412  | 618         | Immunotech RIA Ultra-sensitive                |
|               | pg/ml  | 140        | 112  | 168         |                                               |
|               | pmol/l | 2172       | 1347 | 2997        | Siemens Centaur CP                            |
|               | pg/ml  | 591        | 366  | 816         |                                               |
|               | pmol/l | 1968       | 1220 | 2716        | Siemens Centaur CP Enhanced (eE2)             |
|               | pg/ml  | 535        | 332  | 738         |                                               |
|               | pmol/l | 1781       | 1425 | 2137        | Fujirebio Lumipulse G                         |
|               | pg/ml  | 484        | 388  | 580         |                                               |
|               | pmol/l | 1205       | 964  | 1446        | Roche Cobas 6000/8000 (Estradiol III)         |
|               | pg/ml  | 328        | 262  | 394         |                                               |
|               | pmol/l | 1193       | 954  | 1432        | Roche Elecsys (Estradiol III)                 |
|               | pg/ml  | 324        | 259  | 389         |                                               |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |       | 效期: 2019-04 |                                       |
|---------------|--------|------------|-------|-------------|---------------------------------------|
| 规格: 12 x 5 ml |        | 范围         |       | 低值=靶值-2SD   | 高值=靶值+2SD                             |
| 分析物           | 单位     | 靶值         | 低值    | 高值          | 方法学                                   |
| 雌二醇 (E2)      | pmol/l | 1203       | 962   | 1444        | Roche Cobas 4000/E411 (Estradiol III) |
|               | pg/ml  | 327        | 262   | 392         |                                       |
|               | pmol/l | 1176       | 941   | 1411        | Roche Modular E170 (Estradiol III)    |
|               | pg/ml  | 320        | 256   | 384         |                                       |
| 扑热息痛          | mmol/l | 0.494      | 0.395 | 0.593       | Roche Integra                         |
|               | mg/l   | 74.7       | 59.8  | 89.6        |                                       |
|               | mmol/l | 0.516      | 0.413 | 0.619       | Abbott Architect                      |
|               | mg/l   | 78.1       | 62.5  | 93.7        |                                       |
|               | mmol/l | 0.448      | 0.358 | 0.538       | Roche Cobas 6000/8000                 |
|               | mg/l   | 67.8       | 54.2  | 81.4        |                                       |
|               | mmol/l | 0.529      | 0.420 | 0.630       | Gravimetric                           |
|               | mg/l   | 80.0       | 63.5  | 95.3        |                                       |
| 苯巴比妥          | μmol/l | 123        | 98.4  | 148         | Abbott Architect                      |
|               | μg/ml  | 28.5       | 22.8  | 34.2        |                                       |
|               | μmol/l | 119        | 95.2  | 143         | Roche Cobas 6000/8000                 |
|               | μg/ml  | 27.6       | 22.1  | 33.1        |                                       |
|               | μmol/l | 124        | 99.0  | 149         | Siemens Immulite 2000/2500            |
|               | μg/ml  | 28.8       | 23.0  | 34.6        |                                       |
|               | μmol/l | 128        | 102   | 154         | Beckman AU400/600/640/2700/5400       |
|               | μg/ml  | 29.7       | 23.7  | 35.7        |                                       |
|               | μmol/l | 142        | 104   | 180         | Siemens Centaur XP/XPT/Classic        |
|               | μg/ml  | 32.9       | 24.0  | 41.8        |                                       |
|               | μmol/l | 119        | 95.2  | 143         | Roche Integra                         |
|               | μg/ml  | 27.6       | 22.1  | 33.1        |                                       |
|               | μmol/l | 114        | 91.2  | 137         | Siemens Immulite 1000                 |
|               | μg/ml  | 26.4       | 21.2  | 31.6        |                                       |
|               | μmol/l | 120        | 96.0  | 144         | Roche Cobas E411                      |
|               | μg/ml  | 27.8       | 22.3  | 33.3        |                                       |
|               | μmol/l | 123        | 98.4  | 148         | Beckman DxC                           |
|               | μg/ml  | 28.5       | 22.8  | 34.2        |                                       |
|               | μmol/l | 129        | 103   | 155         | HPLC                                  |
|               | μg/ml  | 29.9       | 23.9  | 35.9        |                                       |
| 苯妥英钠          | μmol/l | 121        | 96.6  | 145         | Gravimetric                           |
|               | μg/ml  | 28.0       | 22.4  | 33.6        |                                       |
|               | μmol/l | 91.9       | 73.5  | 110         | Abbott AXSYM                          |
|               | μg/ml  | 23.2       | 18.6  | 27.8        |                                       |
|               | μmol/l | 94.2       | 75.4  | 113         | Abbott Architect                      |
|               | μg/ml  | 23.8       | 19.0  | 28.6        |                                       |
|               | μmol/l | 119        | 92.8  | 145         | Siemens Centaur XP/XPT/Classic        |
|               | μg/ml  | 30.0       | 23.4  | 36.6        |                                       |
|               | μmol/l | 102        | 81.6  | 122         | Siemens Dimension                     |
|               | μg/ml  | 25.8       | 20.6  | 31.0        |                                       |
|               | μmol/l | 96.4       | 77.1  | 116         | Siemens Immulite 2000/2500            |
|               | μg/ml  | 24.3       | 19.5  | 29.1        |                                       |
|               | μmol/l | 87.9       | 70.3  | 105         | Siemens Immulite 1000                 |
|               | μg/ml  | 22.2       | 17.8  | 26.6        |                                       |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                |
|---------------|--------|------------|------|-------------|--------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                      |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                            |
| 苯妥英钠          | μmol/l | 88.8       | 71.0 | 107         | HPLC                           |
|               | μg/ml  | 22.4       | 17.9 | 26.9        |                                |
|               | μmol/l | 91.4       | 73.1 | 110         | Roche Integra                  |
|               | μg/ml  | 23.1       | 18.5 | 27.7        |                                |
|               | μmol/l | 93.0       | 74.4 | 112         | Vitros                         |
|               | μg/ml  | 23.5       | 18.8 | 28.2        |                                |
|               | μmol/l | 93.0       | 74.4 | 112         | Roche Cobas E411               |
|               | μg/ml  | 23.5       | 18.8 | 28.2        |                                |
|               | μmol/l | 93.9       | 75.1 | 113         | Roche Cobas 6000/8000          |
|               | μg/ml  | 23.7       | 19.0 | 28.4        |                                |
|               | μmol/l | 91.1       | 72.9 | 109         | Beckman DxC                    |
|               | μg/ml  | 23.0       | 18.4 | 27.6        |                                |
| 扑米酮           | μmol/l | 99.8       | 79.8 | 120         | Gravimetric                    |
|               | μg/ml  | 25.2       | 20.1 | 30.3        |                                |
| 孕酮            | μmol/l | 32.7       | 26.2 | 39.2        | Gravimetric                    |
|               | μg/ml  | 7.14       | 5.72 | 8.56        |                                |
|               | nmol/l | 105        | 84.0 | 126         | Abbott Architect               |
|               | ng/ml  | 32.9       | 26.3 | 39.5        |                                |
|               | nmol/l | 152        | 122  | 182         | BioMerieux Vidas               |
|               | ng/ml  | 47.6       | 38.2 | 57.0        |                                |
|               | nmol/l | 87.9       | 62.4 | 113         | Siemens Centaur XP/XPT/Classic |
|               | ng/ml  | 27.5       | 19.5 | 35.5        |                                |
|               | nmol/l | 84.2       | 67.4 | 101         | Siemens Immulite 2000/2500     |
|               | ng/ml  | 26.4       | 21.1 | 31.7        |                                |
|               | nmol/l | 89.4       | 71.5 | 107         | Siemens Immulite 1000          |
|               | ng/ml  | 28.0       | 22.4 | 33.6        |                                |
|               | nmol/l | 112        | 89.6 | 134         | Beckman Dxl Prog Cal 33555     |
|               | ng/ml  | 35.1       | 28.0 | 42.2        |                                |
|               | nmol/l | 123        | 98.4 | 148         | Roche Elecsys                  |
|               | ng/ml  | 38.5       | 30.8 | 46.2        |                                |
|               | nmol/l | 123        | 98.4 | 148         | Roche Modular E170             |
|               | ng/ml  | 38.5       | 30.8 | 46.2        |                                |
|               | nmol/l | 112        | 89.6 | 134         | Beckman Access Prog Cal 33555  |
|               | ng/ml  | 35.1       | 28.0 | 42.2        |                                |
|               | nmol/l | 120        | 96.0 | 144         | Tosoh AIA360                   |
|               | ng/ml  | 37.6       | 30.0 | 45.2        |                                |
|               | nmol/l | 112        | 89.6 | 134         | Vitros Eci                     |
|               | ng/ml  | 35.1       | 28.0 | 42.2        |                                |
|               | nmol/l | 125        | 100  | 150         | Roche Cobas E411               |
|               | ng/ml  | 39.1       | 31.3 | 46.9        |                                |
|               | nmol/l | 122        | 97.6 | 146         | Roche Cobas 6000/8000          |
|               | ng/ml  | 38.2       | 30.5 | 45.9        |                                |
|               | nmol/l | 87.0       | 69.6 | 104         | Diasorin Liaison               |
|               | ng/ml  | 27.2       | 21.8 | 32.6        |                                |
|               | nmol/l | 104        | 83.2 | 125         | Immunotech RIA                 |
|               | ng/ml  | 32.6       | 26.0 | 39.2        |                                |



## 免疫质控品-水平3

| 货号: IA3111    |              | 批号: 1646EC |      | 效期: 2019-04 |                                              |
|---------------|--------------|------------|------|-------------|----------------------------------------------|
| 规格: 12 x 5 ml |              | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                                    |
| 分析物           | 单位           | 靶值         | 低值   | 高值          | 方法学                                          |
| 孕酮            | nmol/l       | 104        | 83.2 | 125         | Beckman Dxl Prog DE Cal A80773               |
|               | ng/ml        | 32.6       | 26.0 | 39.2        |                                              |
|               | nmol/l       | 89.5       | 63.5 | 116         | Siemens Centaur CP                           |
|               | ng/ml        | 28.0       | 19.9 | 36.1        |                                              |
| 催乳素           | μU/ml        | 1256       | 1005 | 1507        | Abbott Architect                             |
|               | μU/ml        | 1352       | 1082 | 1622        | BioMerieux Vidas                             |
|               | μU/ml        | 1055       | 791  | 1319        | Siemens Centaur XP/XPT/Classic               |
|               | μU/ml        | 1085       | 868  | 1302        | Siemens Immulite 2000/2500                   |
|               | μU/ml        | 1087       | 870  | 1304        | Siemens Immulite 1000                        |
|               | μU/ml        | 969        | 775  | 1163        | Beckman Dxl800                               |
|               | μU/ml        | 1189       | 951  | 1427        | Roche Elecsys                                |
|               | μU/ml        | 1220       | 976  | 1464        | Diasorin Liaison                             |
|               | μU/ml        | 1154       | 923  | 1385        | Roche Modular E170                           |
|               | μU/ml        | 983        | 786  | 1180        | Beckman Access                               |
|               | μU/ml        | 1295       | 1036 | 1554        | Tosoh AIA360                                 |
|               | μU/ml        | 1053       | 842  | 1264        | Vitros ECI                                   |
|               | μU/ml        | 1141       | 913  | 1369        | Roche Elecsys/E170/Cobas 6000/8000 PRLII     |
|               | μU/ml        | 1266       | 1013 | 1519        | Immunotech IRMA                              |
|               | μU/ml        | 1207       | 966  | 1448        | Roche Cobas E411                             |
|               | μU/ml        | 1145       | 916  | 1374        | Roche Cobas 6000/8000                        |
|               | μU/ml        | 1220       | 976  | 1464        | Abbott Architect restandardised              |
|               | μU/ml        | 1028       | 771  | 1285        | Siemens Centaur CP                           |
| FPSA (游离)     | ng/ml = μg/l | 25.4       | 19.1 | 31.8        | Abbott Architect                             |
|               | ng/ml = μg/l | 32.9       | 24.7 | 41.1        | BioMerieux Vidas                             |
|               | ng/ml = μg/l | 23.3       | 17.5 | 29.1        | Siemens Centaur XP/XPT/Classic               |
|               | ng/ml = μg/l | 18.8       | 14.1 | 23.5        | Siemens Dimension                            |
|               | ng/ml = μg/l | 19.7       | 14.8 | 24.6        | Siemens Immulite 2000/2500                   |
|               | ng/ml = μg/l | 18.9       | 14.2 | 23.6        | Siemens Immulite 1000                        |
|               | ng/ml = μg/l | 28.1       | 21.1 | 35.1        | Beckman DXI standardised to Hybritech        |
|               | ng/ml = μg/l | 23.3       | 17.5 | 29.1        | Roche Elecsys                                |
|               | ng/ml = μg/l | 10.8       | 8.10 | 13.5        | Diasorin Liaison                             |
|               | ng/ml = μg/l | 23.4       | 17.6 | 29.3        | Roche Modular E170                           |
|               | ng/ml = μg/l | 28.8       | 21.6 | 36.0        | Beckman Access standardised to Hybritech     |
|               | ng/ml = μg/l | 19.9       | 14.9 | 24.9        | Tosoh AIA360                                 |
|               | ng/ml = μg/l | 24.1       | 18.1 | 30.1        | Roche Cobas E411                             |
|               | ng/ml = μg/l | 23.6       | 17.7 | 29.5        | Roche Cobas 6000/8000                        |
|               | ng/ml = μg/l | 22.7       | 17.0 | 28.4        | Beckman Dxl800 standardised to WHO IRP96/670 |
|               | ng/ml = μg/l | 20.5       | 15.4 | 25.6        | Ortho Vitros 3600/5600/ECi PSA II            |
|               | ng/ml = μg/l | 18.4       | 13.8 | 23.0        | Fujirebio Lumipulse G                        |
| TPSA (总)      | ng/ml = μg/l | 28.4       | 21.3 | 35.5        | Abbott Architect                             |
|               | ng/ml = μg/l | 29.5       | 22.1 | 36.9        | bioMerieux VIDAS TPSA                        |
|               | ng/ml = μg/l | 27.5       | 20.6 | 34.4        | Siemens Centaur XP/XPT/Classic               |
|               | ng/ml = μg/l | 22.3       | 16.7 | 27.9        | Siemens Immulite 2000/2500 1st generation    |
|               | ng/ml = μg/l | 20.7       | 15.5 | 25.9        | Siemens Immulite 1000 3rd generation         |
|               | ng/ml = μg/l | 22.2       | 16.7 | 27.8        | Siemens Immulite 2000/2500 3rd generation    |
|               | ng/ml = μg/l | 20.5       | 15.4 | 25.6        | Siemens Immulite 1000 1st generation         |

## 免疫质控品-水平3

| 货号: IA3111    |              | 批号: 1646EC |      | 效期: 2019-04 |                                              |
|---------------|--------------|------------|------|-------------|----------------------------------------------|
| 规格: 12 x 5 ml |              | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                                    |
| 分析物           | 单位           | 靶值         | 低值   | 高值          | 方法学                                          |
| TPSA (总)      | ng/ml = µg/l | 30.8       | 23.1 | 38.5        | Beckman Dxl standardisd to Hybritech         |
|               | ng/ml = µg/l | 25.3       | 19.0 | 31.6        | Beckman Dxl800 standardised to WHO IRP96/670 |
|               | ng/ml = µg/l | 36.3       | 27.2 | 45.4        | Roche Elecsys                                |
|               | ng/ml = µg/l | 15.2       | 11.4 | 19.0        | Diasorin Liaison                             |
|               | ng/ml = µg/l | 35.3       | 26.5 | 44.1        | Roche Modular E170                           |
|               | ng/ml = µg/l | 31.5       | 23.6 | 39.4        | Beckman Access standardised to Hybritech     |
|               | ng/ml = µg/l | 31.2       | 23.4 | 39.0        | Beckman Access standardised to WHO IRP96/670 |
|               | ng/ml = µg/l | 19.2       | 14.4 | 24.0        | Tosoh AIA360                                 |
|               | ng/ml = µg/l | 33.2       | 24.9 | 41.5        | Vitros ECI                                   |
|               | ng/ml = µg/l | 29.0       | 21.8 | 36.3        | CIS RIA Coated tube                          |
|               | ng/ml = µg/l | 36.5       | 27.4 | 45.6        | Roche Cobas E411                             |
|               | ng/ml = µg/l | 35.6       | 26.7 | 44.5        | Roche Cobas 6000/8000                        |
|               | ng/ml = µg/l | 25.9       | 19.4 | 32.4        | Fujirebio Lumipulse G                        |
|               | ng/ml = µg/l | 33.6       | 25.2 | 42.0        | Ortho Vitros 3600/5600/ECi PSA II            |
|               | ng/ml = µg/l | 27.8       | 20.9 | 34.7        | Siemens Centaur CP                           |
| 水杨酸           | mmol/l       | 2.74       | 2.19 | 3.29        | Roche Integra                                |
|               | mg/dl        | 37.8       | 30.2 | 45.4        |                                              |
|               | mmol/l       | 2.94       | 2.35 | 3.53        | Abbott Architect                             |
|               | mg/dl        | 40.6       | 32.5 | 48.7        |                                              |
|               | mmol/l       | 3.03       | 2.42 | 3.64        | Beckman DxC                                  |
|               | mg/dl        | 41.9       | 33.4 | 50.4        |                                              |
|               | mmol/l       | 2.88       | 2.30 | 3.45        | Gravimetric                                  |
| 性激素结合球蛋白      | nmol/l       | 56.4       | 45.1 | 67.7        | Siemens Centaur XP/XPT/Classic               |
|               | nmol/l       | 38.8       | 31.0 | 46.6        | Siemens Immulite 1000                        |
|               | nmol/l       | 40.1       | 32.1 | 48.1        | Siemens Immulite 2000/2500                   |
|               | nmol/l       | 38.8       | 31.0 | 46.6        | Roche Elecsys                                |
|               | nmol/l       | 38.4       | 30.7 | 46.1        | Roche Modular E170                           |
|               | nmol/l       | 41.3       | 33.0 | 49.6        | Abbott Architect                             |
|               | nmol/l       | 39.8       | 31.8 | 47.8        | Roche Cobas E411                             |
|               | nmol/l       | 39.0       | 31.2 | 46.8        | Roche Cobas 6000/8000                        |
|               | nmol/l       | 40.7       | 32.6 | 48.8        | Beckman Access                               |
|               | nmol/l       | 40.4       | 32.3 | 48.5        | Beckman Dxl800                               |
| 甲状腺素结合力       | %U           | 47.6       | 39.0 | 56.2        | Siemens Immulite 2000                        |
| 睾酮            | nmol/l       | 32.2       | 25.8 | 38.6        | Abbott Architect                             |
|               | ng/ml        | 9.27       | 7.43 | 11.1        |                                              |
|               | ng/dl        | 927        | 743  | 1111        |                                              |
|               | nmol/l       | 25.4       | 20.3 | 30.5        | BioMerieux Vidas                             |
|               | ng/ml        | 7.32       | 5.85 | 8.79        |                                              |
|               | ng/dl        | 732        | 585  | 879         |                                              |
|               | nmol/l       | 25.2       | 18.4 | 32.0        | Siemens Centaur XP/XPT/Classic               |
|               | ng/ml        | 7.26       | 5.30 | 9.22        |                                              |
|               | ng/dl        | 726        | 530  | 922         |                                              |
|               | nmol/l       | 31.1       | 24.9 | 37.3        | CIS RIA Coated tube                          |
|               | ng/ml        | 8.96       | 7.17 | 10.8        |                                              |
|               | ng/dl        | 896        | 717  | 1075        |                                              |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                  |
|---------------|--------|------------|------|-------------|----------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                        |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                              |
| 睾酮            | nmol/l | 40.3       | 32.2 | 48.4        | Siemens Immulite 2000/2500       |
|               | ng/ml  | 11.6       | 9.27 | 13.9        |                                  |
|               | ng/dl  | 1161       | 927  | 1395        |                                  |
|               | nmol/l | 51.0       | 40.8 | 61.2        | Siemens Immulite 1000            |
|               | ng/ml  | 14.7       | 11.8 | 17.6        |                                  |
|               | ng/dl  | 1469       | 1175 | 1763        |                                  |
|               | nmol/l | 25.8       | 20.6 | 31.0        | Beckman Dxl800                   |
|               | ng/ml  | 7.43       | 5.93 | 8.93        |                                  |
|               | ng/dl  | 743        | 593  | 893         |                                  |
|               | nmol/l | 28.2       | 22.6 | 33.8        | Beckman Access                   |
|               | ng/ml  | 8.12       | 6.51 | 9.73        |                                  |
|               | ng/dl  | 812        | 651  | 973         |                                  |
|               | nmol/l | 44.4       | 35.5 | 53.3        | Tosoh AIA360                     |
|               | ng/ml  | 12.8       | 10.2 | 15.4        |                                  |
|               | ng/dl  | 1279       | 1022 | 1536        |                                  |
|               | nmol/l | 45.1       | 36.1 | 54.1        | Vitros Eci                       |
|               | ng/ml  | 13.0       | 10.4 | 15.6        |                                  |
|               | ng/dl  | 1299       | 1040 | 1558        |                                  |
|               | nmol/l | 32.2       | 25.8 | 38.6        | Roche Cobas 6000 Test 2          |
|               | ng/ml  | 9.27       | 7.43 | 11.1        |                                  |
|               | ng/dl  | 927        | 743  | 1111        |                                  |
|               | nmol/l | 31.5       | 25.2 | 37.8        | Roche Elecsys Test II            |
|               | ng/ml  | 9.07       | 7.26 | 10.9        |                                  |
|               | ng/dl  | 907        | 726  | 1088        |                                  |
|               | nmol/l | 32.2       | 25.8 | 38.6        | Roche Modular E170 Test II       |
|               | ng/ml  | 9.27       | 7.43 | 11.1        |                                  |
|               | ng/dl  | 927        | 743  | 1111        |                                  |
|               | nmol/l | 31.8       | 25.4 | 38.2        | Roche Cobas 4000/e411 Test II    |
|               | ng/ml  | 9.16       | 7.32 | 11.0        |                                  |
|               | ng/dl  | 916        | 732  | 1100        |                                  |
|               | nmol/l | 31.8       | 25.4 | 38.2        | Abbott Architect 2nd Generation  |
|               | ng/ml  | 9.16       | 7.32 | 11.0        |                                  |
|               | ng/dl  | 916        | 732  | 1100        |                                  |
|               | nmol/l | 27.3       | 19.9 | 34.7        | Siemens Centaur CP               |
|               | ng/ml  | 7.86       | 5.74 | 9.98        |                                  |
|               | ng/dl  | 786        | 574  | 998         |                                  |
|               | nmol/l | 25.7       | 20.6 | 30.8        | BioMerieux Vidas Testosterone II |
|               | ng/ml  | 7.40       | 5.93 | 8.87        |                                  |
|               | ng/dl  | 740        | 593  | 887         |                                  |
| 茶碱            | μmol/l | 135        | 108  | 162         | Abbott AXSYM                     |
|               | μg/ml  | 24.3       | 19.5 | 29.1        |                                  |
|               | μmol/l | 157        | 126  | 188         | Siemens Centaur XP/XPT/Classic   |
|               | μg/ml  | 28.3       | 22.6 | 34.0        |                                  |
|               | μmol/l | 159        | 127  | 191         | Siemens Dimension                |
|               | μg/ml  | 28.7       | 22.9 | 34.5        |                                  |
|               | μmol/l | 151        | 121  | 181         | Siemens Immulite 2000/2500       |
|               | μg/ml  | 27.2       | 21.8 | 32.6        |                                  |

## 免疫质控品-水平3

| 货号: IA3111    |               | 批号: 1646EC |           | 效期: 2019-04 |                                               |
|---------------|---------------|------------|-----------|-------------|-----------------------------------------------|
| 规格: 12 x 5 ml |               | 范围         | 低值=靶值-2SD |             | 高值=靶值+2SD                                     |
| 分析物           | 单位            | 靶值         | 低值        | 高值          | 方法学                                           |
| 茶碱            | μmol/l        | 162        | 130       | 194         | Roche Integra                                 |
|               | μg/ml         | 29.2       | 23.4      | 35.0        |                                               |
|               | μmol/l        | 212        | 170       | 254         | Vitros                                        |
|               | μg/ml         | 38.2       | 30.6      | 45.8        |                                               |
|               | μmol/l        | 151        | 121       | 181         | Abbott Architect                              |
|               | μg/ml         | 27.2       | 21.8      | 32.6        |                                               |
|               | μmol/l        | 155        | 124       | 186         | Roche Cobas 6000/8000                         |
|               | μg/ml         | 27.9       | 22.3      | 33.5        |                                               |
|               | μmol/l        | 153        | 122       | 184         | Beckman DxC                                   |
|               | μg/ml         | 27.6       | 22.0      | 33.2        |                                               |
| 甲状腺球蛋白        | μmol/l        | 152        | 122       | 182         | Beckman AU400/600/640/2700/5400               |
|               | μg/ml         | 27.4       | 22.0      | 32.8        |                                               |
|               | μmol/l        | 166        | 133       | 200         | Gravimetric                                   |
|               | μg/ml         | 30.0       | 24.0      | 36.0        |                                               |
|               | ng/ml         | 26.1       | 19.6      | 32.6        | Siemens Immulite 1000                         |
|               | ng/ml         | 26.2       | 19.7      | 32.8        | Siemens Immulite 2000                         |
|               | ng/ml         | 61.0       | 45.8      | 76.3        | Roche Elecsys                                 |
|               | ng/ml         | 62.0       | 46.5      | 77.5        | Roche Modular E170                            |
|               | ng/ml         | 55.3       | 41.5      | 69.1        | Beckman Dxl800                                |
|               | ng/ml         | 63.5       | 47.6      | 79.4        | Roche Cobas E411                              |
|               | ng/ml         | 18.2       | 13.7      | 22.8        | Diesse Chorus                                 |
|               | ng/ml         | 62.8       | 47.1      | 78.5        | Roche Cobas 6000/8000                         |
|               | ng/ml         | 56.5       | 42.4      | 70.6        | Beckman Access                                |
|               | ng/ml         | 60.5       | 45.4      | 75.6        | Tosoh AIA360                                  |
|               | ng/ml         | 62.2       | 46.7      | 77.8        | Roche Cobas 6000 TGII                         |
| 促甲状腺素 (TSH)   | ng/ml         | 62.1       | 46.6      | 77.6        | Roche Elecsys TGII                            |
|               | ng/ml         | 60.9       | 45.7      | 76.1        | Roche Cobas 4000/E411 TGII                    |
|               | ng/ml         | 60.8       | 45.6      | 76.0        | Roche Modular E170 TGII                       |
|               | μU/ml = mIU/l | 18.9       | 15.1      | 22.7        | Abbott Architect                              |
|               | μU/ml = mIU/l | 22.1       | 17.7      | 26.5        | bioMerieux VIDAS TSH                          |
|               | μU/ml = mIU/l | 18.4       | 14.7      | 22.1        | bioMerieux VIDAS TSH3 Ultrasensitive          |
|               | μU/ml = mIU/l | 23.5       | 16.0      | 31.0        | Siemens Centaur XP/XPT/Classic                |
|               | μU/ml = mIU/l | 24.6       | 19.7      | 29.5        | CIS IRMA                                      |
|               | μU/ml = mIU/l | 24.2       | 16.5      | 31.9        | Siemens Centaur XP/XPT/Classic 3rd Generation |
|               | μU/ml = mIU/l | 20.5       | 16.4      | 24.6        | Siemens Dimension                             |
|               | μU/ml = mIU/l | 21.3       | 17.0      | 25.6        | Siemens Immulite 2000/2500                    |
|               | μU/ml = mIU/l | 21.7       | 17.4      | 26.0        | Siemens Immulite 1000                         |
|               | μU/ml = mIU/l | 19.5       | 15.6      | 23.4        | Beckman Dxl800 Fast TSH                       |
|               | μU/ml = mIU/l | 20.0       | 16.0      | 24.0        | Beckman Dxl800                                |
|               | μU/ml = mIU/l | 21.5       | 17.2      | 25.8        | Roche Elecsys                                 |
|               | μU/ml = mIU/l | 26.7       | 21.4      | 32.0        | Diasorin Liaison                              |
|               | μU/ml = mIU/l | 21.3       | 17.0      | 25.6        | Roche Modular E170                            |
|               | μU/ml = mIU/l | 19.3       | 15.4      | 23.2        | Beckman Access Fast TSH                       |
|               | μU/ml = mIU/l | 20.6       | 16.5      | 24.7        | Beckman Access hyperTSH 3rd Generation        |
|               | μU/ml = mIU/l | 22.8       | 18.2      | 27.4        | Tosoh AIA360                                  |

## 免疫质控品-水平3

| 货号: IA3111     |               | 批号: 1646EC |       | 效期: 2019-04 |                                           |
|----------------|---------------|------------|-------|-------------|-------------------------------------------|
| 规格: 12 x 5 ml  |               | 范围         |       | 低值=靶值-2SD   | 高值=靶值+2SD                                 |
| 分析物            | 单位            | 靶值         | 低值    | 高值          | 方法学                                       |
| 促甲状腺素<br>(TSH) | μU/ml = mIU/l | 29.6       | 23.7  | 35.5        | Vitros ECI                                |
|                | μU/ml = mIU/l | 23.1       | 18.5  | 27.7        | Immunotech IRMA                           |
|                | μU/ml = mIU/l | 21.7       | 17.4  | 26.0        | Roche Cobas E411                          |
|                | μU/ml = mIU/l | 21.3       | 17.0  | 25.6        | Roche Cobas 6000/8000                     |
|                | μU/ml = mIU/l | 19.5       | 15.6  | 23.4        | Beckman Dxl800 Hyper TSH                  |
|                | μU/ml = mIU/l | 25.5       | 20.4  | 30.6        | Monobind Inc. ELISA / CLIA                |
|                | μU/ml = mIU/l | 20.6       | 16.5  | 24.7        | Siemens Dimension Vista LOCI              |
|                | μU/ml = mIU/l | 23.0       | 15.6  | 30.4        | Siemens Centaur XP/XPT/Classic TSH3-Ultra |
|                | μU/ml = mIU/l | 23.3       | 15.8  | 30.8        | Siemens Centaur CP                        |
| 妥布霉素           | μmol/l        | 10.3       | 8.21  | 12.3        | Gravimetric                               |
|                | μg/ml         | 4.80       | 3.84  | 5.76        |                                           |
| 总 β-hCG        | mU/ml=IU/l    | 339        | 271   | 407         | Abbott Architect                          |
|                | IU/ml         | 0.339      | 0.271 | 0.407       |                                           |
|                | mU/ml=IU/l    | 670        | 536   | 804         | BioMerieux Vidas                          |
|                | IU/ml         | 0.670      | 0.536 | 0.804       |                                           |
|                | mU/ml=IU/l    | 326        | 196   | 456         | Siemens Centaur XP/XPT/Classic            |
|                | IU/ml         | 0.326      | 0.196 | 0.456       |                                           |
|                | mU/ml=IU/l    | 609        | 487   | 731         | Siemens Dimension                         |
|                | IU/ml         | 0.609      | 0.487 | 0.731       |                                           |
|                | mU/ml=IU/l    | 667        | 534   | 800         | Siemens Immulite 2000                     |
|                | IU/ml         | 0.667      | 0.534 | 0.800       |                                           |
|                | mU/ml=IU/l    | 665        | 532   | 798         | Siemens Immulite 1000                     |
|                | IU/ml         | 0.665      | 0.532 | 0.798       |                                           |
|                | mU/ml=IU/l    | 324        | 259   | 389         | Beckman Dxl800                            |
|                | IU/ml         | 0.324      | 0.259 | 0.389       |                                           |
|                | mU/ml=IU/l    | 330        | 264   | 396         | Diasorin Liaison                          |
|                | IU/ml         | 0.330      | 0.264 | 0.396       |                                           |
|                | mU/ml=IU/l    | 398        | 318   | 478         | Roche Cobas Core EIA                      |
|                | IU/ml         | 0.398      | 0.318 | 0.478       |                                           |
|                | mU/ml=IU/l    | 316        | 253   | 379         | Beckman Access                            |
|                | IU/ml         | 0.316      | 0.253 | 0.379       |                                           |
|                | mU/ml=IU/l    | 629        | 503   | 755         | Tosoh AIA360                              |
|                | IU/ml         | 0.629      | 0.503 | 0.755       |                                           |
|                | mU/ml=IU/l    | 663        | 530   | 796         | Vitros ECI                                |
|                | IU/ml         | 0.663      | 0.530 | 0.796       |                                           |
|                | mU/ml=IU/l    | 600        | 480   | 720         | Roche STAT (Intact)                       |
|                | IU/ml         | 0.600      | 0.480 | 0.720       |                                           |
|                | mU/ml=IU/l    | 415        | 332   | 498         | Roche hCG+Beta                            |
|                | IU/ml         | 0.415      | 0.332 | 0.498       |                                           |
|                | mU/ml=IU/l    | 603        | 482   | 724         | Brahms Kryptor                            |
|                | IU/ml         | 0.603      | 0.482 | 0.724       |                                           |
|                | mU/ml=IU/l    | 363        | 290   | 436         | Radiometer AQT90 Flex                     |
|                | IU/ml         | 0.363      | 0.290 | 0.436       |                                           |
|                | mU/ml=IU/l    | 320        | 256   | 384         | Beckman Access Total BhCG (5th IS)        |
|                | IU/ml         | 0.320      | 0.256 | 0.384       |                                           |

## 免疫质控品-水平3

| 货号: IA3111     |            | 批号: 1646EC |       | 效期: 2019-04 |                                 |
|----------------|------------|------------|-------|-------------|---------------------------------|
| 规格: 12 x 5 ml  |            | 范围         |       | 低值=靶值-2SD   | 高值=靶值+2SD                       |
| 分析物            | 单位         | 靶值         | 低值    | 高值          | 方法学                             |
| 总 $\beta$ -hCG | mU/ml=IU/l | 327        | 262   | 392         | Beckman Dxl Total BhCG (5th IS) |
|                | IU/ml      | 0.327      | 0.262 | 0.392       |                                 |
|                | mU/ml=IU/l | 320        | 192   | 448         | Siemens Centaur CP              |
|                | IU/ml      | 0.320      | 0.192 | 0.448       |                                 |
| 总 T3           | nmol/l     | 5.33       | 4.00  | 6.66        | Abbott Architect                |
|                | ng/ml      | 3.47       | 2.60  | 4.34        |                                 |
|                | ng/dl      | 347        | 260   | 434         |                                 |
|                | nmol/l     | 6.28       | 4.71  | 7.85        | BioMerieux Vidas                |
|                | ng/ml      | 4.09       | 3.07  | 5.11        |                                 |
|                | ng/dl      | 409        | 307   | 511         |                                 |
|                | nmol/l     | 7.63       | 5.72  | 9.54        | Siemens Centaur XP/XPT/Classic  |
|                | ng/ml      | 4.97       | 3.73  | 6.21        |                                 |
|                | ng/dl      | 497        | 373   | 621         |                                 |
|                | nmol/l     | 6.56       | 4.92  | 8.20        | Siemens Immulite 2000/2500      |
|                | ng/ml      | 4.27       | 3.20  | 5.34        |                                 |
|                | ng/dl      | 427        | 320   | 534         |                                 |
|                | nmol/l     | 6.68       | 5.01  | 8.35        | Siemens Immulite 1000           |
|                | ng/ml      | 4.35       | 3.26  | 5.44        |                                 |
|                | ng/dl      | 435        | 326   | 544         |                                 |
|                | nmol/l     | 5.72       | 4.29  | 7.15        | Beckman Dxl800                  |
|                | ng/ml      | 3.72       | 2.79  | 4.65        |                                 |
|                | ng/dl      | 372        | 279   | 465         |                                 |
|                | nmol/l     | 7.02       | 5.27  | 8.78        | Roche Elecsys                   |
|                | ng/ml      | 4.57       | 3.43  | 5.71        |                                 |
|                | ng/dl      | 457        | 343   | 571         |                                 |
|                | nmol/l     | 6.43       | 4.82  | 8.04        | Diasorin Liaison                |
|                | ng/ml      | 4.19       | 3.14  | 5.24        |                                 |
|                | ng/dl      | 419        | 314   | 524         |                                 |
|                | nmol/l     | 6.61       | 4.96  | 8.26        | Roche Modular E170              |
|                | ng/ml      | 4.30       | 3.23  | 5.37        |                                 |
|                | ng/dl      | 430        | 323   | 537         |                                 |
|                | nmol/l     | 5.67       | 4.25  | 7.09        | Beckman Access                  |
|                | ng/ml      | 3.69       | 2.77  | 4.61        |                                 |
|                | ng/dl      | 369        | 277   | 461         |                                 |
|                | nmol/l     | 6.43       | 4.82  | 8.04        | Tosoh AIA360                    |
|                | ng/ml      | 4.19       | 3.14  | 5.24        |                                 |
|                | ng/dl      | 419        | 314   | 524         |                                 |
|                | nmol/l     | 7.33       | 5.50  | 9.16        | Vitros ECI                      |
|                | ng/ml      | 4.77       | 3.58  | 5.96        |                                 |
|                | ng/dl      | 477        | 358   | 596         |                                 |
|                | nmol/l     | 4.71       | 3.53  | 5.89        | CIS RIA Coated tube             |
|                | ng/ml      | 3.07       | 2.30  | 3.84        |                                 |
|                | ng/dl      | 307        | 230   | 384         |                                 |
|                | nmol/l     | 6.93       | 5.20  | 8.66        | Roche Cobas E411                |
|                | ng/ml      | 4.51       | 3.39  | 5.63        |                                 |
|                | ng/dl      | 451        | 339   | 563         |                                 |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                |
|---------------|--------|------------|------|-------------|--------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                      |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                            |
| 总 T3          | nmol/l | 6.68       | 5.01 | 8.35        | Roche Cobas 6000/8000          |
|               | ng/ml  | 4.35       | 3.26 | 5.44        |                                |
|               | ng/dl  | 435        | 326  | 544         |                                |
|               | nmol/l | 8.29       | 6.22 | 10.4        | Monobind Inc. ELISA / CLIA     |
|               | ng/ml  | 5.40       | 4.05 | 6.75        |                                |
|               | ng/dl  | 540        | 405  | 675         |                                |
|               | nmol/l | 8.94       | 6.71 | 11.2        | Siemens Centaur CP             |
|               | ng/ml  | 5.82       | 4.37 | 7.27        |                                |
|               | ng/dl  | 582        | 437  | 727         |                                |
| 总 T4          | nmol/l | 210        | 158  | 263         | Abbott Architect               |
|               | µg/dl  | 16.4       | 12.3 | 20.5        |                                |
|               | ng/ml  | 164        | 123  | 205         |                                |
|               | nmol/l | 240        | 180  | 300         | BioMerieux Vidas               |
|               | µg/dl  | 18.7       | 14.0 | 23.4        |                                |
|               | ng/ml  | 187        | 140  | 234         |                                |
|               | nmol/l | 211        | 148  | 274         | Siemens Centaur XP/XPT/Classic |
|               | µg/dl  | 16.5       | 11.6 | 21.4        |                                |
|               | ng/ml  | 165        | 116  | 214         |                                |
|               | nmol/l | 199        | 149  | 249         | Siemens Immulite 2000/2500     |
|               | µg/dl  | 15.5       | 11.6 | 19.4        |                                |
|               | ng/ml  | 155        | 116  | 194         |                                |
|               | nmol/l | 192        | 144  | 240         | Siemens Immulite 1000          |
|               | µg/dl  | 15.0       | 11.2 | 18.8        |                                |
|               | ng/ml  | 150        | 112  | 188         |                                |
|               | nmol/l | 211        | 158  | 264         | Beckman Dxl800                 |
|               | µg/dl  | 16.5       | 12.3 | 20.7        |                                |
|               | ng/ml  | 165        | 123  | 207         |                                |
|               | nmol/l | 180        | 135  | 225         | Roche Elecsys                  |
|               | µg/dl  | 14.0       | 10.5 | 17.5        |                                |
|               | ng/ml  | 140        | 105  | 175         |                                |
|               | nmol/l | 171        | 128  | 214         | Diasorin Liaison               |
|               | µg/dl  | 13.3       | 9.98 | 16.6        |                                |
|               | ng/ml  | 133        | 100  | 166         |                                |
|               | nmol/l | 187        | 140  | 234         | Roche Modular E170             |
|               | µg/dl  | 14.6       | 10.9 | 18.3        |                                |
|               | ng/ml  | 146        | 109  | 183         |                                |
|               | nmol/l | 219        | 164  | 274         | Beckman Access                 |
|               | µg/dl  | 17.1       | 12.8 | 21.4        |                                |
|               | ng/ml  | 171        | 128  | 214         |                                |
|               | nmol/l | 183        | 137  | 229         | Tosoh AIA360                   |
|               | µg/dl  | 14.3       | 10.7 | 17.9        |                                |
|               | ng/ml  | 143        | 107  | 179         |                                |
|               | nmol/l | 215        | 161  | 269         | Vitros ECI                     |
|               | µg/dl  | 16.8       | 12.6 | 21.0        |                                |
|               | ng/ml  | 168        | 126  | 210         |                                |
|               | nmol/l | 192        | 144  | 240         | MP Biomedicals RIA             |
|               | µg/dl  | 15.0       | 11.2 | 18.8        |                                |
|               | ng/ml  | 150        | 112  | 188         |                                |

## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                   |
|---------------|--------|------------|------|-------------|-----------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                         |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                               |
| 总 T4          | nmol/l | 197        | 148  | 246         | CIS RIA Coated tube               |
|               | µg/dl  | 15.4       | 11.5 | 19.3        |                                   |
|               | ng/ml  | 154        | 115  | 193         |                                   |
|               | nmol/l | 182        | 137  | 228         | Roche Cobas E411                  |
|               | µg/dl  | 14.2       | 10.7 | 17.7        |                                   |
|               | ng/ml  | 142        | 107  | 177         |                                   |
|               | nmol/l | 185        | 139  | 231         | Roche Cobas 6000/8000             |
|               | µg/dl  | 14.4       | 10.8 | 18.0        |                                   |
|               | ng/ml  | 144        | 108  | 180         |                                   |
|               | nmol/l | 160        | 120  | 200         | Immunotech IRMA                   |
|               | µg/dl  | 12.5       | 9.36 | 15.6        |                                   |
|               | ng/ml  | 125        | 93.6 | 156         |                                   |
| 丙戊酸           | nmol/l | 216        | 151  | 281         | Siemens Centaur CP                |
|               | µg/dl  | 16.8       | 11.8 | 21.8        |                                   |
|               | ng/ml  | 168        | 118  | 218         |                                   |
|               | µmol/l | 943        | 754  | 1132        | Abbott Architect                  |
|               | µg/ml  | 136        | 109  | 163         |                                   |
|               | µmol/l | 921        | 737  | 1105        | Siemens Centaur XP/XPT/Classic    |
|               | µg/ml  | 133        | 106  | 160         |                                   |
|               | µmol/l | 931        | 745  | 1117        | Siemens Dimension                 |
|               | µg/ml  | 134        | 108  | 160         |                                   |
|               | µmol/l | 964        | 771  | 1157        | Siemens Immulite 2000/2500        |
|               | µg/ml  | 139        | 111  | 167         |                                   |
|               | µmol/l | 936        | 749  | 1123        | Siemens Immulite 1000             |
|               | µg/ml  | 135        | 108  | 162         |                                   |
|               | µmol/l | 941        | 753  | 1129        | Roche Integra                     |
|               | µg/ml  | 136        | 109  | 163         |                                   |
|               | µmol/l | 918        | 734  | 1102        | Vitros                            |
|               | µg/ml  | 132        | 106  | 158         |                                   |
|               | µmol/l | 931        | 745  | 1117        | Roche Modular P-D                 |
|               | µg/ml  | 134        | 108  | 160         |                                   |
|               | µmol/l | 970        | 776  | 1164        | Roche Cobas E411                  |
|               | µg/ml  | 140        | 112  | 168         |                                   |
|               | µmol/l | 944        | 755  | 1133        | Roche Cobas 6000/8000             |
|               | µg/ml  | 136        | 109  | 163         |                                   |
|               | µmol/l | 860        | 688  | 1032        | Beckman DxC                       |
|               | µg/ml  | 124        | 99.3 | 149         |                                   |
|               | µmol/l | 979        | 783  | 1175        | Beckman AU400/600/640/2700/5400   |
|               | µg/ml  | 141        | 113  | 169         |                                   |
|               | µmol/l | 1048       | 838  | 1258        | Siemens ADVIA 1200/1650/1800/2400 |
|               | µg/ml  | 151        | 121  | 181         |                                   |
|               | µmol/l | 1116       | 893  | 1339        | Gravimetric                       |
|               | µg/ml  | 161        | 129  | 193         |                                   |
| 万古霉素          | µmol/l | 12.8       | 10.2 | 15.4        | Roche Integra                     |
|               | µg/ml  | 19.0       | 15.2 | 22.8        |                                   |



## 免疫质控品-水平3

| 货号: IA3111    |        | 批号: 1646EC |      | 效期: 2019-04 |                                 |
|---------------|--------|------------|------|-------------|---------------------------------|
| 规格: 12 x 5 ml |        | 范围         |      | 低值=靶值-2SD   | 高值=靶值+2SD                       |
| 分析物           | 单位     | 靶值         | 低值   | 高值          | 方法学                             |
| 万古霉素          | μmol/l | 9.71       | 7.77 | 11.7        | Ortho Vitros Microslide Systems |
|               | μg/ml  | 14.4       | 11.5 | 17.3        |                                 |
|               | μmol/l | 12.2       | 9.76 | 14.6        | Abbott Architect                |
|               | μg/ml  | 18.1       | 14.5 | 21.7        |                                 |
|               | μmol/l | 9.69       | 7.75 | 11.6        | Siemens Centaur XP/XPT/Classic  |
|               | μg/ml  | 14.4       | 11.5 | 17.3        |                                 |
|               | μmol/l | 10.8       | 8.64 | 13.0        | Siemens Dimension               |
|               | μg/ml  | 16.0       | 12.8 | 19.2        |                                 |
|               | μmol/l | 10.4       | 8.32 | 12.5        | Roche Cobas 6000/8000           |
|               | μg/ml  | 15.5       | 12.4 | 18.6        |                                 |
|               | μmol/l | 11.2       | 8.96 | 13.4        | Beckman DxC                     |
|               | μg/ml  | 16.6       | 13.3 | 19.9        |                                 |
| 维生素 B12       | μmol/l | 10.8       | 8.62 | 12.9        | Gravimetric                     |
|               | μg/ml  | 16.0       | 12.8 | 19.2        |                                 |
|               | pmol/l | 625        | 500  | 750         | Abbott AXSYM                    |
|               | pg/ml  | 847        | 678  | 1016        |                                 |
|               | pmol/l | 618        | 494  | 742         | Abbott Architect                |
|               | pg/ml  | 837        | 669  | 1005        |                                 |
|               | pmol/l | 716        | 537  | 895         | Siemens Centaur XP/XPT/Classic  |
|               | pg/ml  | 970        | 728  | 1212        |                                 |
|               | pmol/l | 594        | 475  | 713         | Siemens Immulite 2000           |
|               | pg/ml  | 805        | 644  | 966         |                                 |
|               | pmol/l | 604        | 483  | 725         | Beckman Dxl800                  |
|               | pg/ml  | 818        | 654  | 982         |                                 |
|               | pmol/l | 668        | 534  | 802         | Roche Elecsys                   |
|               | pg/ml  | 905        | 724  | 1086        |                                 |
|               | pmol/l | 696        | 557  | 835         | Roche Modular E170              |
|               | pg/ml  | 943        | 755  | 1131        |                                 |
|               | pmol/l | 614        | 491  | 737         | Beckman Access                  |
|               | pg/ml  | 832        | 665  | 999         |                                 |
|               | pmol/l | 879        | 703  | 1055        | Tosoh AIA360                    |
|               | pg/ml  | 1191       | 953  | 1429        |                                 |
|               | pmol/l | 669        | 535  | 803         | Vitros ECI                      |
|               | pg/ml  | 906        | 725  | 1087        |                                 |
|               | pmol/l | 711        | 569  | 853         | MP Biomedicals RIA              |
|               | pg/ml  | 963        | 771  | 1155        |                                 |
|               | pmol/l | 675        | 540  | 810         | Roche Cobas E411                |
|               | pg/ml  | 915        | 732  | 1098        |                                 |
|               | pmol/l | 696        | 557  | 835         | Roche Cobas 6000/8000           |
|               | pg/ml  | 943        | 755  | 1131        |                                 |
|               | pmol/l | 644        | 515  | 773         | Siemens Dimension               |
|               | pg/ml  | 873        | 698  | 1048        |                                 |
|               | pmol/l | 740        | 555  | 925         | Siemens Centaur CP              |
|               | pg/ml  | 1003       | 752  | 1254        |                                 |