

质控品名： 生化与激素非定值质控品

|       |       |       |     |            |     |         |       |         |
|-------|-------|-------|-----|------------|-----|---------|-------|---------|
| REF   | 581-1 | 6×5mL | EXP | 2025-05-26 | LOT | 376B8CE | 更新日期： | 2024-05 |
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|                                                                    |        | 批号：376B8CE |       |          |      |
|--------------------------------------------------------------------|--------|------------|-------|----------|------|
| 项目\仪器\试剂\方法                                                        | 单位     | 均值 \ CV    |       | Lab \ 点数 |      |
| (a-HBDH)α-羟丁酸脱氢酶                                                   |        |            |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ DGKC                      | U/L    | 145        | 1.9%  | 8        | 239  |
| Beckman AU series<br>Beckman Coulter \ DGKC                        | U/L    | 145        | 12%   | <5       | <100 |
| (Alb)白蛋白                                                           |        |            |       |          |      |
| Roche cobas 4000/6000/8000<br>Roche \ Bromocresol green            | g/L    | 29.7       | 16.1% | 9        | 247  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                    | g/L    | 34         | 32.2% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ Bromocresol green         | g/L    | 33.1       | 25.9% | 13       | 373  |
| Beckman AU series<br>Beckman Coulter \ Bromocresol green           | g/L    | 27.1       | 12%   | <5       | <100 |
| (ALP)碱性磷酸酶                                                         |        |            |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ Rate -AMP buffer          | U/L    | 34         | 3.6%  | 8        | 242  |
| Roche cobas 4000/6000/8000<br>Roche \ Rate -AMP buffer             | U/L    | 35.5       | 3.6%  | 8        | 223  |
| Beckman AU series<br>Beckman Coulter \ Rate -AMP buffer            | U/L    | 45.1       | 12%   | <5       | <100 |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                    | U/L    | 47.2       | 9.2%  | <5       | <100 |
| (ALT/ SGPT)丙氨酸氨基转移酶                                                |        |            |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ UV-rate without P5P       | U/L    | 32.7       | 8.1%  | 9        | 274  |
| Roche cobas 4000/6000/8000<br>Dedicated \ UV-rate with P5P         | U/L    | 27         | 17.8% | 9        | 251  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                    | U/L    | 30.4       | 20.6% | <5       | <100 |
| Beckman AU series<br>Beckman Coulter \ UV-rate with P5P            | U/L    | 39.6       | 12%   | <5       | <100 |
| (AMY)淀粉酶                                                           |        |            |       |          |      |
| Roche cobas 4000/6000/8000<br>Roche \ PNP-G5                       | U/L    | 66.5       | 14.5% | 9        | 244  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                    | U/L    | 55.1       | 12.3% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ PNP-G7                    | U/L    | 64.3       | 10.4% | 10       | 278  |
| Beckman AU series<br>Beckman Coulter \ Iodine colorimetry          | U/L    | 62.5       | 12%   | <5       | <100 |
| (AST/ SGOT)天门冬氨酸氨基转移酶                                              |        |            |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ UV-rate without P5P       | U/L    | 32.9       | 5.7%  | 9        | 270  |
| Roche cobas 4000/6000/8000<br>Dedicated \ UV-rate with P5P         | U/L    | 37.2       | 7.5%  | 9        | 243  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                    | U/L    | 41.6       | 9.3%  | <5       | <100 |
| Beckman AU series<br>Beckman Coulter \ UV-rate without P5P         | U/L    | 38.2       | 12%   | <5       | <100 |
| (Ca)钙                                                              |        |            |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ BAPTA                    | mmol/L | 1.87       | 4.4%  | 9        | 241  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                    | mmol/L | 1.97       | 5.8%  | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ BAPTA                     | mmol/L | 2.06       | 18.9% | 13       | 334  |
| Beckman AU series<br>Beckman Coulter \ BAPTA                       | mmol/L | 1.9        | 12%   | <5       | <100 |
| (CHE)胆碱酯酶                                                          |        |            |       |          |      |
| Roche cobas 4000/6000/8000<br>Roche \ DTNB                         | U/L    | 5251       | 11.6% | 9        | 243  |
| Ortho Vitros 3600/5600<br>Ortho \ DTNB                             | U/L    | 5700       | 24.6% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ Butyrylthiocholine Method | U/L    | 5786       | 21.7% | 13       | 364  |
| Beckman AU series<br>Beckman Coulter \ Butyrylthiocholine Method   | U/L    | 5411       | 12%   | <5       | <100 |
| (CHOL/ TC)总胆固醇                                                     |        |            |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ Cholesterol oxidase       | mmol/L | 2.29       | 2%    | 8        | 245  |
| Roche cobas 4000/6000/8000<br>Dedicated \ Cholesterol oxidase      | mmol/L | 2.34       | 3%    | 8        | 223  |
| Beckman AU series<br>Beckman Coulter \ Cholesterol oxidase         | mmol/L | 2.21       | 12%   | <5       | <100 |
| (CK)肌酸激酶                                                           |        |            |       |          |      |
| Roche cobas 4000/6000/8000<br>Roche \ Rate -AMP buffer             | U/L    | 144        | 12.9% | 9        | 244  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                    | U/L    | 104        | 17.1% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ Urease-UV-rate            | U/L    | 155        | 4%    | 10       | 278  |
| Beckman AU series<br>Beckman Coulter \ Urease-UV-rate              | U/L    | 149        | 12%   | <5       | <100 |

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| 批号：376B8CE                                                                     |        |         |       |          |      |
|--------------------------------------------------------------------------------|--------|---------|-------|----------|------|
| 项目\仪器\试剂\方法                                                                    | 单位     | 均值 \ CV |       | Lab \ 点数 |      |
| (Cl)氯                                                                          |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ ISE (direct)                         | mmol/L | 78.4    | 18.6% | 9        | 238  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                                | mmol/L | 85      | 12.8% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ ISE (direct)                          | mmol/L | 85.4    | 13.7% | 13       | 329  |
| Beckman AU series<br>Beckman Coulter \ ISE (direct)                            | mmol/L | 76.8    | 12%   | <5       | <100 |
| (CO2 (HCO3-) )二氧化碳 (碳酸氢根)                                                      |        |         |       |          |      |
| Beckman AU series<br>Beckman Coulter \ PEPC                                    | mmol/L | 10.6    | 12%   | <5       | <100 |
| (Cr)肌酐                                                                         |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Enzymatic                            | μmol/L | 78.3    | 4.4%  | 9        | 241  |
| Roche cobas c 501/502/701/702<br>Roche \ Enzymatic                             | μmol/L | 72.2    | 2%    | 8        | 241  |
| Beckman AU series<br>Beckman Coulter \ Enzymatic                               | μmol/L | 74.1    | 12%   | <5       | <100 |
| (Cu)铜                                                                          |        |         |       |          |      |
| Beckman AU series<br>Beckman Coulter \ ICP-MS                                  | μmol/L | 10.9    | 12%   | <5       | <100 |
| (DBIL)直接胆红素                                                                    |        |         |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ Diazotization                         | μmol/L | 7.17    | 6.9%  | 9        | 257  |
| Roche cobas 4000/6000/8000<br>Dedicated \ Diazotization                        | μmol/L | 5.89    | 9.1%  | 9        | 248  |
| Beckman AU series<br>Beckman Coulter \ Diazotization -Blank Compensation       | μmol/L | 4.47    | 12%   | <5       | <100 |
| (Fe)铁                                                                          |        |         |       |          |      |
| Beckman AU series<br>Beckman Coulter \ Ferrozine colorimetry                   | μmol/L | 10.9    | 12%   | <5       | <100 |
| (GGT)L-γ-谷氨酰基转移酶                                                               |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ γ-glutamyl -3-carboxy-4-nitroaniline | U/L    | 32.8    | 6.7%  | 9        | 251  |
| Roche cobas c 501/502/701/702<br>Roche \ γ-glutamyl -3-carboxy-4-nitroaniline  | U/L    | 31.7    | 3.5%  | 8        | 244  |
| Beckman AU series<br>Beckman Coulter \ γ-glutamyl -4-nitroaniline              | U/L    | 31.1    | 12%   | <5       | <100 |
| (GLU)葡萄糖                                                                       |        |         |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ Hexokinase                            | mmol/L | 3.92    | 1.8%  | 9        | 252  |
| Roche cobas 4000/6000/8000<br>Dedicated \ Hexokinase                           | mmol/L | 4.05    | 2.9%  | 9        | 238  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                                | mmol/L | 4.39    | 9%    | <5       | <100 |
| Beckman AU series<br>Beckman Coulter \ Dehydrogenase                           | mmol/L | 4.18    | 12%   | <5       | <100 |
| (HDL-C)高密度脂蛋白胆固醇                                                               |        |         |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ Direct Measure                        | mmol/L | 0.63    | 3.1%  | 8        | 242  |
| Roche cobas 4000/6000/8000<br>Dedicated \ Direct Measure                       | mmol/L | 0.652   | 9.1%  | 8        | 223  |
| Beckman AU series<br>Beckman Coulter \ Enzymatic                               | mmol/L | 0.54    | 12%   | <5       | <100 |
| (K)钾                                                                           |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ ISE (direct)                         | mmol/L | 3.06    | 12.7% | 9        | 256  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                                | mmol/L | 3.34    | 14.7% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ ISE (direct)                          | mmol/L | 3.46    | 35%   | 12       | 301  |
| Beckman AU series<br>Beckman Coulter \ ISE (direct)                            | mmol/L | 2.01    | 12%   | <5       | <100 |
| (LA)乳酸                                                                         |        |         |       |          |      |
| Beckman AU series<br>Beckman Coulter \ Lactate to pyruvate (L-P)               | mmol/L | 0.98    | 12%   | <5       | <100 |
| (LDH)乳酸脱氢酶                                                                     |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Lactate to pyruvate (L-P)            | U/L    | 149     | 4.1%  | 9        | 240  |
| Roche cobas c 501/502/701/702<br>Roche \ Lactate to pyruvate (L-P)             | U/L    | 149     | 2.1%  | 8        | 243  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                                | U/L    | 161     | 9.9%  | <5       | <100 |
| Beckman AU series<br>Beckman Coulter \ Lactate to pyruvate (L-P)               | U/L    | 146     | 12%   | <5       | <100 |
| (LDL-C)低密度脂蛋白胆固醇                                                               |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Direct Measure                       | mmol/L | 1.11    | 4.1%  | 8        | 222  |
| Beckman AU series<br>Beckman Coulter \ Enzymatic                               | mmol/L | 1.17    | 12%   | <5       | <100 |

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| 批号：376B8CE                                                                  |        |         |       |          |      |
|-----------------------------------------------------------------------------|--------|---------|-------|----------|------|
| 项目\仪器\试剂\方法                                                                 | 单位     | 均值 \ CV |       | Lab \ 点数 |      |
| (Li)锂                                                                       |        |         |       |          |      |
| Beckman AU series<br>Beckman Coulter \ Colorimetry                          | mmol/L | 0.44    | 12%   | <5       | <100 |
| (LIP)脂肪酶                                                                    |        |         |       |          |      |
| Beckman AU series<br>Beckman Coulter \ Glucose oxidase (GOD)                | U/L    | 23.4    | 12%   | <5       | <100 |
| (Mg)镁                                                                       |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Calmagite colorimetry             | mmol/L | 0.709   | 9.8%  | 9        | 240  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                             | mmol/L | 0.655   | 8.9%  | <5       | <100 |
| Beckman AU series<br>Beckman Coulter \ Xylydyl Blue                         | mmol/L | 0.58    | 12%   | <5       | <100 |
| (Na)钠                                                                       |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ ISE (direct)                      | mmol/L | 115     | 9.9%  | 9        | 248  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                             | mmol/L | 124     | 15.1% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ ISE (direct)                       | mmol/L | 117     | 13.7% | 13       | 323  |
| Beckman AU series<br>Beckman Coulter \ ISE (indirect)                       | mmol/L | 109     | 12%   | <5       | <100 |
| (P)磷                                                                        |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Phosphomolybdate-UV-end point     | mmol/L | 0.725   | 11.4% | 9        | 236  |
| Roche cobas c 501/502/701/702<br>Roche \ Phosphomolybdate-UV-end point      | mmol/L | 0.687   | 2.8%  | 8        | 241  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                             | mmol/L | 0.932   | 10.6% | <5       | <100 |
| Beckman AU series<br>Beckman Coulter \ Phosphomolybdate UV-rate             | mmol/L | 0.68    | 12%   | <5       | <100 |
| (PRO/ TP)(总) 蛋白                                                             |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Biuret-rate                       | g/L    | 45.8    | 15.6% | 9        | 253  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                             | g/L    | 45.6    | 17.2% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ Biuret-endpoint                    | g/L    | 50.3    | 23.6% | 13       | 374  |
| Beckman AU series<br>Beckman Coulter \ Biuret-endpoint                      | g/L    | 40.9    | 12%   | <5       | <100 |
| (TBA)总胆汁酸                                                                   |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Enzymatic Cycling Assays Method   | μmol/L | 11      | 17.9% | 9        | 246  |
| Roche cobas 4000/6000/8000<br>WeiRiKang \ Enzymatic Cycling Assays Method   | μmol/L | 12.5    | 2.8%  | <5       | <100 |
| Beckman AU series<br>Beckman Coulter \ Enzymatic Cycling Assays Method      | μmol/L | 10.9    | 12%   | <5       | <100 |
| (TBIL)总胆红素                                                                  |        |         |       |          |      |
| Roche cobas c 501/502/701/702<br>Roche \ Diazotization -Blank Compensation  | μmol/L | 11.4    | 4.4%  | 9        | 252  |
| Roche cobas 4000/6000/8000<br>Dedicated \ Diazotization -Blank Compensation | μmol/L | 10.6    | 9.7%  | 9        | 244  |
| Beckman AU series<br>Beckman Coulter \ Diazotization                        | μmol/L | 14.2    | 12%   | <5       | <100 |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                             | μmol/L | 18.3    | 11.6% | <5       | <100 |
| (TG)甘油三酯                                                                    |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ GPO-POD                           | mmol/L | 0.921   | 7.9%  | 9        | 242  |
| Roche cobas c 501/502/701/702<br>Roche \ Free glycerol removed              | mmol/L | 0.959   | 8.3%  | 10       | 288  |
| Beckman UniCel Dxl 600/800<br>Beckman Coulter \ GPO-POD                     | mmol/L | 0.7     | 12%   | <5       | <100 |
| (UA)尿酸                                                                      |        |         |       |          |      |
| Roche cobas 4000/6000/8000<br>Dedicated \ Uricase colorimetry               | μmol/L | 170     | 21.6% | 9        | 243  |
| Ortho Vitros 3600/5600<br>Ortho \ dry chemistry                             | μmol/L | 205     | 23.8% | <5       | <100 |
| Roche cobas c 501/502/701/702<br>Roche \ Uricase colorimetry                | μmol/L | 228     | 53.3% | 12       | 339  |
| Beckman AU series<br>Beckman Coulter \ Uricase colorimetry                  | μmol/L | 169     | 12%   | <5       | <100 |
| (Urea)尿素                                                                    |        |         |       |          |      |
| Beckman AU series<br>Beckman Coulter \ Urease-UV-rate                       | mmol/L | 4.36    | 12%   | <5       | <100 |

注：此报告所提供的数据均基于检测相同批号质控品的若干实验室的数据汇总统计而来，仅供学习、参考之用。因所用技术、仪器和试剂的不同，或因制造商检测方法的改变，均可导致实验室实际测得的数据偏离此报告所提供的数据。根据良好实验室规范的要求，实验室须遵循相关技术规范确立自己的均值和可接受范围。