报告类别： **示范实验室数据报告**

质控品名： **生化与激素非定值质控品**

| REF | 581-1 | 6×5mL | EXP | 2024-01-14 | LOT | 376B865 | 更新日期： | 2021-08 |
|---|---|---|---|---|---|---|---|---|



| | | 批号：376B865 | |
|---|---|---|---|
| 项目\仪器\试剂\方法 | 单位 | 均值 | + / - 2 SD |
| (Alb)白蛋白 | | | |
| Beckman AU series<br>Beckman Coulter \ Bromocresol green | g/L | 44.7 | 34.1-55.3 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Bromocresol purple | g/L | 43.7 | 34.9-52.5 |
| Roche cobas 4000/6000/8000<br>Roche \ Bromocresol green | g/L | 45.1 | 34.3-55.9 |
| (ALP)碱性磷酸酶 | | | |
| Beckman AU series<br>Beckman Coulter \ Rate -AMP buffer | U/L | 86.1 | 69.5-103 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Rate -AMP buffer | U/L | 96.3 | 76.9-116 |
| Roche cobas 4000/6000/8000<br>Roche \ Rate -AMP buffer | U/L | 82.1 | 62.4-102 |
| (ALT/ SGPT)丙氨酸氨基转移酶 | | | |
| Beckman AU series<br>Beckman Coulter \ UV without P5P | U/L | 44.1 | 35.3-52.9 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ UV without P5P | U/L | 51.4 | 41-61.8 |
| Roche cobas 4000/6000/8000<br>Roche \ UV with P5P | U/L | 34.7 | 26.4-43 |
| (AMY)淀粉酶 | | | |
| Beckman AU series<br>Beckman Coulter \ PNP-G7 | U/L | 99.5 | 81.1-118 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ CNP_G3 | U/L | 94.3 | 75.3-113 |
| Roche cobas 4000/6000/8000<br>Roche \ PNP-G7 | U/L | 97 | 73.7-120 |
| (Apo-A Ⅰ)载脂蛋白A Ⅰ | | | |
| Roche cobas 4000/6000/8000<br>SekiSui \ immunoturbidimetric | g/L | 1.52 | 1.16-1.88 |
| (Apo-B)载脂蛋白B | | | |
| Roche cobas 4000/6000/8000<br>SekiSui \ immunoturbidimetric | g/L | 0.73 | 0.555-0.905 |
| (AST/ SGOT)天门冬氨酸氨基转移酶 | | | |
| Beckman AU series<br>Beckman Coulter \ UV without P5P | U/L | 41.1 | 32.9-49.3 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ UV without P5P | U/L | 44.5 | 35.5-53.5 |
| Roche cobas 4000/6000/8000<br>Roche \ UV with P5P | U/L | 32.4 | 24.6-40.2 |
| (Ca)钙 | | | |
| Beckman AU series<br>Beckman Coulter \ Arsenazo III | mmol/L | 2.32 | 1.86-2.78 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ ISE (direct) | mmol/L | 2.22 | 0-6.82 |
| Roche cobas 4000/6000/8000<br>Roche \ BAPTA | mmol/L | 2.29 | 1.74-2.84 |
| (CHE)胆碱酯酶 | | | |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Butyrylthiocholine Method | U/L | 7820 | 6250-9380 |
| (CHOL/ TC)总胆固醇 | | | |
| Beckman AU series<br>Beckman Coulter \ Cholesterol oxidase | mmol/L | 3.98 | 3.02-4.94 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Cholesterol oxidase | mmol/L | 3.81 | 3.01-4.61 |
| Roche cobas 4000/6000/8000<br>Roche \ Cholesterol oxidase | mmol/L | 3.88 | 2.95-4.81 |
| (CK)肌酸激酶 | | | |
| Beckman AU series<br>Beckman Coulter \ Urease-UV-rate | U/L | 107 | 89-125 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Rate -AMP buffer | U/L | 103 | 81-125 |
| Roche cobas 4000/6000/8000<br>Roche \ Rate -AMP buffer | U/L | 81.6 | 62-101 |
| (CK-MB)肌酸激酶-MB (活性) | | | |
| Beckman AU series<br>Beckman Coulter \ Immune suppression | U/L | 18.1 | 14.5-21.7 |
| Roche cobas 4000/6000/8000<br>Roche \ Immune suppression | U/L | 10.5 | 7.98-13 |
| (Cl)氯 | | | |
| Beckman AU series<br>Beckman Coulter \ ISE (direct) | mmol/L | 109 | 87-131 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ ISE (direct) | mmol/L | 114 | 92-136 |
| Roche cobas 4000/6000/8000<br>Roche \ ISE (indirect) | mmol/L | 113 | 85.9-140 |
| (Cr)肌酐 | | | |
| Beckman AU series<br>Beckman Coulter \ Enzymatic | μmol/L | 77.6 | 63.1-92.1 |

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| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Picric acid-No blank Compensation | μmol/L | 79.9 | 63.9-95.9 |
| Roche cobas 4000/6000/8000<br>Roche \ Enzymatic | μmol/L | 82 | 62.3-102 |
| (CRP)C反应蛋白 | | | |
| Beckman Immage 800<br>Beckman Coulter \ Immunoturbidimetry (ITA) | mg/dL | 0.641 | 0.507-0.775 |
| Roche cobas E601/602<br>Roche \ Immunonephelometry (INA) | mg/dL | 0.909 | 0.691-1.13 |
| (Cu)铜 | | | |
| Roche Hitachi/Hitachi Systems<br>Roche \ ICP-MS | μmol/L | 20.4 | 16.6-24.2 |
| (DBIL)直接胆红素 | | | |
| Beckman AU series<br>Beckman Coulter \ Diazotization -Blank Compensation | μmol/L | 5.31 | 4.04-6.58 |
| Roche cobas 4000/6000/8000<br>Roche \ Diazotization -Blank Compensation | μmol/L | 8.3 | 6.31-10.3 |
| (DGXN)地高辛 | | | |
| Beckman Access<br>Beckman Coulter \ Chemiluminescence Immunoassay (CLIA ) | ng/mL | 0.734 | 0.562-0.906 |
| Roche cobas e411<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | ng/mL | 0.68 | 0.517-0.843 |
| (E2)雌二醇 | | | |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | pmol/L | 116 | 88.3-144 |
| (FA)叶酸 | | | |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | ng/mL | 0.653 | 0.497-0.809 |
| (Fe)铁 | | | |
| Beckman AU series<br>Beckman Coulter \ Ferrozine colorimetry | μmol/L | 19.5 | 14.8-24.2 |
| Roche cobas 4000/6000/8000<br>Roche \ Ferrozine colorimetry | μmol/L | 18.9 | 14.4-23.4 |
| (Ferritin)铁蛋白 | | | |
| Roche cobas 4000/6000/8000<br>Roche \ Immunoturbidimetry (ITA) | μg/L | 54.3 | 41.3-67.3 |
| (FT3)游离T3 | | | |
| Beckman UniCel DxI 600/800<br>Dedicated \ Chemiluminescence Immunoassay (CLIA ) | pmol/L | 3.31 | 2.52-4.1 |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | pmol/L | 2.36 | 1.79-2.93 |
| (FT4 )游离T4 | | | |
| Beckman UniCel DxI 600/800<br>Dedicated \ Chemiluminescence Immunoassay (CLIA ) | pmol/L | 17.3 | 13.1-21.5 |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | pmol/L | 16 | 12.2-19.8 |
| (GGT)L-γ-谷氨酰基转移酶 | | | |
| Beckman AU series<br>Beckman Coulter \ γ-glutamyl -4-nitroaniline | U/L | 38.1 | 29-47.2 |
| Roche cobas 4000/6000/8000<br>Roche \ γ-glutamyl -3-carboxy-4-nitroaniline | U/L | 36.7 | 27.9-45.5 |
| (GLDH)谷氨酸脱氢酶 | | | |
| Beckman AU series<br>Beckman Coulter \ Direct Measure | U/L | 5.31 | 4.05-6.57 |
| Roche cobas 4000/6000/8000<br>DiaSys \ Colorimetry | U/L | 5 | 3.8-6.2 |
| (GLU)葡萄糖 | | | |
| Beckman AU series<br>Beckman Coulter \ Hexokinase | mmol/L | 4.11 | 3.29-4.93 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Glucose oxidase (GOD) | mmol/L | 4.09 | 3.27-4.91 |
| Roche cobas E601/602<br>Roche \ Hexokinase | mmol/L | 4.19 | 3.37-5.01 |
| Roche cobas 4000/6000/8000<br>Roche \ Hexokinase | mmol/L | 4 | 3.04-4.96 |
| (HCY)同型半胱氨酸 | | | |
| Roche Hitachi/Hitachi Systems<br>Roche \ Enzymatic Cycling Assays Method | μmol/L | 15.4 | 12.2-18.6 |
| Beckman AU series<br>Beckman Coulter \ Enzymatic Cycling Assays Method | μmol/L | 12.6 | 10-15.2 |

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| Siemens ADVIA Centaur CP<br>Siemens \ Enzymatic Cycling Assays Method | μmol/L | 14.1 | 11.1-17.1 |
| Mindray BS series<br>Mindray \ Enzyme linked immunosorbent assays (ELISA) | μmol/L | 12.8 | 10.2-15.4 |
| Roche cobas 4000/6000/8000<br>Roche \ Enzymatic Cycling Assays Method | μmol/L | 18.5 | 14.1-22.9 |
| (HDL-C)高密度脂蛋白胆固醇 | | | |
| Beckman AU series<br>Beckman Coulter \ Enzymatic | mmol/L | 0.91 | 0.691-1.13 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Direct Measure | mmol/L | 1.15 | 0.91-1.39 |
| Roche cobas 4000/6000/8000<br>Roche \ Enzymatic | mmol/L | 1 | 0.76-1.24 |
| (IgA )免疫球蛋白 IgA | | | |
| Beckman Immage 800<br>Beckman Coulter \ Immunoturbidimetry (ITA) | g/L | 2.23 | 1.69-2.77 |
| (IgG)免疫球蛋白 IgG | | | |
| Beckman Immage 800<br>Beckman Coulter \ Immunoturbidimetry (ITA) | g/L | 10.8 | 8.21-13.4 |
| (IgM)免疫球蛋白 IgM | | | |
| Beckman Immage 800<br>Beckman Coulter \ Immunoturbidimetry (ITA) | g/L | 0.941 | 0.715-1.17 |
| (K)钾 | | | |
| Beckman AU series<br>Beckman Coulter \ ISE (direct) | mmol/L | 3.71 | 2.97-4.45 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ ISE (direct) | mmol/L | 3.61 | 2.89-4.33 |
| Roche cobas 4000/6000/8000<br>Roche \ ISE (indirect) | mmol/L | 3.67 | 2.79-4.55 |
| (LA)乳酸 | | | |
| Beckman AU series<br>Beckman Coulter \ Lactate to pyruvate (L-P) | mmol/L | 2.01 | 1.53-2.49 |
| Roche cobas E601/602<br>Roche \ Lactate to pyruvate (L-P) | mmol/L | 2.14 | 1.63-2.65 |
| Roche cobas 4000/6000/8000<br>Roche \ Lactate to pyruvate (L-P) | mmol/L | 1.96 | 1.49-2.43 |
| (LDH)乳酸脱氢酶 | | | |
| Beckman AU series<br>Beckman Coulter \ Lactate to pyruvate (L-P) | U/L | 141 | 115-167 |
| Roche cobas 4000/6000/8000<br>Roche \ Lactate to pyruvate (L-P) | U/L | 136 | 103-169 |
| (LDL-C)低密度脂蛋白胆固醇 | | | |
| Beckman AU series<br>Beckman Coulter \ Enzymatic | mmol/L | 2.52 | 1.92-3.12 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ selected suppression | mmol/L | 2.02 | 1.58-2.46 |
| Roche cobas 4000/6000/8000<br>Roche \ Enzymatic | mmol/L | 2.56 | 1.95-3.17 |
| (Li)锂 | | | |
| Beckman AU series<br>Beckman Coulter \ ISE (indirect) | mmol/L | 0.79 | 0.6-0.98 |
| (LIP)脂肪酶 | | | |
| Beckman AU series<br>Beckman Coulter \ Glucose oxidase (GOD) | U/L | 52.1 | 41.6-62.6 |
| Roche cobas E601/602<br>Roche \ Enzymatic Cycling Assays Method | U/L | 45.8 | 37-54.6 |
| Roche cobas 4000/6000/8000<br>DiaSys \ Enzymatic Cycling Assays Method | U/L | 46.7 | 35.5-57.9 |
| (Mg)镁 | | | |
| Beckman AU series<br>Beckman Coulter \ Xylidyl Blue | mmol/L | 0.89 | 0.71-1.07 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Atomic absorption spectroscopy (AAS) | mmol/L | 0.872 | 0.692-1.05 |
| Roche cobas 4000/6000/8000<br>Roche \ Xylidyl Blue | mmol/L | 0.89 | 0.676-1.1 |
| (Na)钠 | | | |
| Beckman AU series<br>Beckman Coulter \ ISE (direct) | mmol/L | 140 | 112-168 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ ISE (direct) | mmol/L | 140 | 112-168 |
| Roche cobas 4000/6000/8000<br>Roche \ ISE (indirect) | mmol/L | 142 | 108-176 |
| (NEFA)游离脂肪酸 | | | |
| Roche cobas E601/602<br>Roche \ ACS - ACOD | mmol/L | 0.49 | 0.37-0.61 |
| Roche cobas 4000/6000/8000<br>DiaSys \ ACS - ACOD | mmol/L | 0.47 | 0.357-0.583 |

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| (P)磷 | | | |
| Beckman AU series<br>Beckman Coulter \ Phosphomolybdate UV-rate | mmol/L | 1.02 | 0.78-1.26 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Phosphomolybdate-UV-end point | mmol/L | 1.11 | 0.87-1.35 |
| Roche cobas 4000/6000/8000<br>Roche \ Phosphomolybdate UV-rate | mmol/L | 1.02 | 0.775-1.26 |
| (PAMY)胰淀粉酶 | | | |
| Siemens ADVIA Chemistry XPT<br>Siemens \ Enzymatic | U/L | 48.3 | 38.7-57.9 |
| (PRO/ TP)(总) 蛋白 | | | |
| Beckman AU series<br>Beckman Coulter \ Biuret-endpoint | g/L | 67.4 | 53.2-81.6 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Biuret-endpoint | g/L | 68.5 | 54.7-82.3 |
| Roche cobas E601/602<br>Roche \ Biuret-endpoint | g/L | 69.2 | 54.6-83.8 |
| Roche cobas 4000/6000/8000<br>Roche \ Biuret-endpoint | g/L | 69.1 | 52.5-85.7 |
| (PROG)孕酮 | | | |
| Roche cobas 4000/6000/8000<br>Dedicated \ Electro-Chemiluminescence Immunoassay (ECLIA) | ng/mL | 0.406 | 0.308-0.504 |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | ng/mL | 0.384 | 0.292-0.476 |
| (TBA)总胆汁酸 | | | |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Enzymatic Cycling Assays Method | μmol/L | 11.7 | 9.1-14.3 |
| Roche cobas E601/602<br>Roche \ Enzymatic Cycling Assays Method | μmol/L | 13.5 | 10.3-16.7 |
| Roche cobas 4000/6000/8000<br>DiaSys \ Enzymatic Cycling Assays Method | μmol/L | 12.1 | 9.21-15 |
| (TBIL)总胆红素 | | | |
| Beckman AU series<br>Beckman Coulter \ Diazotization -Blank Compensation | μmol/L | 15.9 | 12.1-19.7 |
| Roche cobas 4000/6000/8000<br>Roche \ Diazotization | μmol/L | 16.5 | 13.2-19.8 |
| Roche cobas 4000/6000/8000<br>DiaSys \ Diazotization | μmol/L | 15.7 | 11.9-19.5 |
| (TES)睾酮 | | | |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | ng/mL | 3.68 | 2.8-4.56 |
| (TG)甘油三酯 | | | |
| Beckman AU series<br>Beckman Coulter \ GPO-POD | mmol/L | 1.11 | 0.844-1.38 |
| Roche cobas 4000/6000/8000<br>Roche \ GPO-POD | mmol/L | 1.17 | 0.889-1.45 |
| Roche cobas 4000/6000/8000<br>Roche \ Free glycerol removed | mmol/L | 1.1 | 0.836-1.36 |
| (THEO)茶碱 | | | |
| J&J Vitros Fusion 5,1 FS<br>Johnson&Johnson \ Chemiluminescence Immunoassay (CLIA ) | μg/mL | 14.4 | 10.9-17.9 |
| (TRF)转铁蛋白 | | | |
| Roche cobas E601/602<br>Roche \ Immunonephelometry (INA) | mg/dL | 281 | 224-338 |
| Roche cobas 4000/6000/8000<br>Roche \ Immunoturbidimetry (ITA) | mg/dL | 290 | 220-360 |
| (TSH)促甲状腺素 | | | |
| Beckman UniCel DxI 600/800<br>Dedicated \ Chemiluminescence Immunoassay (CLIA ) | mIU/L | 2.32 | 1.76-2.88 |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | mIU/L | 1.65 | 1.25-2.05 |
| (TT3)总三碘甲状原氨酸 | | | |
| Beckman UniCel DxI 600/800<br>Dedicated \ Chemiluminescence Immunoassay (CLIA ) | nmol/L | 1.12 | 0.854-1.39 |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | nmol/L | 0.892 | 0.678-1.11 |
| (TT4)总T4 | | | |
| Beckman UniCel DxI 600/800<br>Dedicated \ Chemiluminescence Immunoassay (CLIA ) | nmol/L | 116 | 90-142 |

报告类别： **示范实验室数据报告**

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| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | nmol/L | 83.4 | 63.4-103 |
| (UA)尿酸 | | | |
| Beckman AU series<br>Beckman Coulter \ Uricase colorimetry | μmol/L | 296 | 225-367 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Uricase colorimetry | μmol/L | 299 | 239-359 |
| Roche cobas 4000/6000/8000<br>Roche \ Uricase colorimetry | μmol/L | 286 | 217-355 |
| (UIBC)不饱和铁结合力 | | | |
| Beckman AU series<br>Beckman Coulter \ Ferrozine colorimetry | μmol/L | 41.1 | 31.2-51 |
| Roche cobas E601/602<br>Roche \ Ferrozine colorimetry | μmol/L | 30.2 | 23-37.4 |
| Roche cobas 4000/6000/8000<br>Roche \ Ferrozine colorimetry | μmol/L | 46.2 | 35.1-57.3 |
| (Urea)尿素 | | | |
| Beckman AU series<br>Beckman Coulter \ Urease-UV-rate | mmol/L | 4.28 | 3.44-5.12 |
| Beckman UniCel DxC 600/800<br>Beckman Coulter \ Urease electrode | mmol/L | 4.31 | 3.45-5.17 |
| Roche cobas 4000/6000/8000<br>Roche \ Urease colorimetry | mmol/L | 4.25 | 3.23-5.27 |
| (VB12)维生素B12 | | | |
| Roche cobas E601/602<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | pg/mL | 394 | 299-489 |
| (Zn)锌 | | | |
| Roche Hitachi/Hitachi Systems<br>Roche \ ICP-MS | μmol/L | 27.5 | 22.3-32.7 |
| (β-hCG)人绒毛膜促性腺激素β亚基 | | | |
| Roche cobas 4000/6000/8000<br>Roche \ Electro-Chemiluminescence Immunoassay (ECLIA) | IU/L | 0.11 | 0.084-0.136 |

**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。