

【英文名称】: ASSAYED HUMAN SERA LEVEL 3 (HUMASY CONTROL 3)

【中文名称】: 质控血清（水平3）

【货号】 (CAT. NUMBER): HE1532
【包装规格】 (SIZE): 20 x 5 mL

【批号】 (LOT NUMBER): I452UE
【到期】 (EXPIRY): 2029-09-28

本产品的准备和使用详见试剂盒内说明书。

Full instructions for the use and preparation of this product are included with the kit.

质控品靶值和范围如下所示。

Target values and ranges are listed below.

ZH: 10 Oct '25 me

| Method 所有仪器均值 | | HUMAN ASSAYED MULTI-SERA - LEVEL 3 (HUM ASY CONTROL 3) 质控血清 (水平3) | | | | | | | | |
|--|-------------------|---|--------------|-----------|------------|-------|-------|------------------------|-------------------------------------|--|
| 批号 (Lot. No): I452UE 货号 (Cat. No): HEI532 / HS2611 到期 (Expiry): 2029-09-28 | | | | | | | | | | |
| 包装规格 (Size): 20 x 5ml / 5 x 5ml | | Range 范围 | | | | | | | | |
| Analyte | 分析项目 | Unit 单位 | Target 靶值 | Low 低值 | High 高值 | ISD | 2SD | 方法 | Method | |
| Albumin | 白蛋白 | g/dl | 3.15 | 2.68 | 3.62 | 0.235 | 0.470 | 溴甲酚绿 | Bromocresol Green | |
| | | g/l | 31.5 | 26.8 | 36.2 | 2.35 | 4.70 | | | |
| ALT (GPT) | 丙氨酸氨基转移酶 | U/l | 151 | 121 | 181 | 15.0 | 30.0 | Tris缓冲液 (不含P5P) | Tris Buffer Without P5P | |
| Amylase Total | 淀粉酶 | U/l | 311 | 264 | 358 | 23.5 | 47.0 | Randox 液体亚乙基 pNPG7 | Randox Liquid Ethylidene pNPG7 | |
| AST (GOT) | 谷草转氨酶(AST或GOT) | U/l | 163 | 130 | 196 | 16.5 | 33.0 | Tris缓冲液 (不含P5P) | Tris Buffer Without P5P | |
| Bile Acids | 胆汁酸 | μmol/l | 46.4 | 37.1 | 55.7 | 4.65 | 9.30 | 第5代比色法 | 5th Generation Colorimetric | |
| Bilirubin Direct | 直接胆红素 | mg/dl | 2.16 | 1.71 | 2.61 | 0.225 | 0.450 | 改良 Jendrassik法 | Modified Jendrassik | |
| | | μmol/l | 36.9 | 29.2 | 44.6 | 3.85 | 7.70 | | | |
| | | mg/dl | 2.08 | 1.64 | 2.52 | 0.220 | 0.440 | 重氮化对氨基苯磺酸法 | Diazo With Sulphanilic Acid | |
| | | μmol/l | 35.6 | 28.1 | 43.1 | 3.75 | 7.50 | | | |
| Bilirubin Total | 总胆红素 | mg/dl | 5.91 | 4.67 | 7.15 | 0.620 | 1.24 | 改良 Jendrassik法 | Modified Jendrassik | |
| | | μmol/l | 101 | 79.8 | 122 | 10.5 | 21.0 | | | |
| | | mg/dl | 5.06 | 4.00 | 6.12 | 0.530 | 1.06 | 重氮化对氨基苯磺酸法 | Diazo With Sulphanilic Acid | |
| | | μmol/l | 86.5 | 68.3 | 105 | 9.25 | 18.5 | | | |
| | | mg/dl | 5.37 | 4.24 | 6.50 | 0.565 | 1.13 | 氧化成胆绿素/钒酸盐 | Oxidation to Biliverdin/Vanadate | |
| | | μmol/l | 91.8 | 72.5 | 111 | 9.60 | 19.2 | | | |
| Cholesterol | 胆固醇 | mg/dl | 319 | 278 | 360 | 20.5 | 41.0 | 胆固醇氧化酶 - Abell Kendall | Cholesterol Oxidase - Abell Kendall | |
| | | mmol/l | 8.26 | 7.19 | 9.33 | 0.535 | 1.07 | | | |
| Cholinesterase | 胆碱酯酶 | U/l | 5856 | 4685 | 7027 | 586 | 1171 | 硫代丁酰胆碱比色法 | Colorimetric - Butyrylthiocholine | |
| Folate | 叶酸 | ng/ml | 3.03 | 2.30 | 3.76 | 0.365 | 0.730 | Roche Cobas e402/e801 | Roche Cobas e402/e801 | |
| | | nmol/l | 6.86 | 5.21 | 8.51 | 0.825 | 1.65 | | | |
| gamma-GT | 谷氨酰转氨酶 (GGT) | U/l | 182 | 155 | 209 | 13.5 | 27.0 | γ-谷氨酰-3-羧基-4-硝基苯胺 | Gamma glut.-3-carb.-4-nitro. | |
| GLDH | 谷氨酸脱氢酶 (GLDH) | U/l | 33 | 26 | 40 | 3.50 | 7.00 | 三乙醇胺缓冲液 | Triethanolamine buffer | |
| Glucose | 葡萄糖 | mg/dl | 295 | 251 | 339 | 22.0 | 44.0 | 葡萄糖氧化酶法 | Glucose Oxidase | |
| | | mmol/l | 16.4 | 13.9 | 18.9 | 1.25 | 2.50 | | | |
| | | mg/dl | 283 | 241 | 325 | 21.0 | 42.0 | 己糖激酶法 | Hexokinase | |
| mmol/l | 15.7 | 13.3 | 18.1 | 1.20 | 2.40 | | | | | |
| HDL - Cholesterol | 高密度脂蛋白胆固醇 (HDL-C) | mg/dl | 81.5 | 69.3 | 93.7 | 6.10 | 12.2 | 直接清除法 | Direct HDL, Clearance method | |
| | | mmol/l | 2.11 | 1.79 | 2.43 | 0.160 | 0.320 | | | |
| Iron | 铁 | μg/dl | 235 | 193 | 277 | 21.0 | 42.0 | 比色法 (不含ppt.) | Colorimetric without ppt. | |
| | | μmol/l | 42.1 | 34.5 | 49.7 | 3.80 | 7.60 | | | |

| Method 所有仪器均值 | | | HUMAN ASSAYED MULTI-SERA - LEVEL 3 (HUM ASY CONTROL 3) 质控血清 (水平3) | | | | | | | |
|--|-----------------|---------------|---|-----------|------------|-------|-------|----------------------------------|--|--|
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| 包装规格 (Size): 20 x 5ml / 5 x 5ml | | | Range | | 范围 | | | | | |
| Analyte | 分析项目 | Unit 单位 | Target 靶值 | Low 低值 | High 高值 | ISD | 2SD | 方法 | Method | |
| Lactate | 乳酸 | mg/dl | 48.4 | 39.7 | 57.1 | 4.35 | 8.70 | 乳酸氧化酶比色法 | Colorimetric - Lactate oxidase | |
| | | mmol/l | 5.37 | 4.40 | 6.34 | 0.485 | 0.970 | | | |
| LD (LDH) | 乳酸脱氢酶 (LDH) | U/l | 688 | 585 | 791 | 51.5 | 103 | P->L 德国方法 | P to L, German methods | |
| Magnesium | 镁 | mg/dl | 4.25 | 3.74 | 4.76 | 0.255 | 0.510 | 二甲苯胺蓝法 | Xylidyl Blue | |
| | | mmol/l | 1.75 | 1.54 | 1.96 | 0.105 | 0.210 | | | |
| NEFA | 游离脂肪酸 | mmol/l | 0.466 | 0.373 | 0.559 | 0.047 | 0.093 | 比色法 | Colorimetric | |
| Phosphate Inorganic | 无机磷 | mg/dl | 7.56 | 6.43 | 8.69 | 0.565 | 1.13 | 磷钼酸盐紫外线法 | Phosphomolybdate UV | |
| | | mmol/l | 2.44 | 2.07 | 2.81 | 0.185 | 0.370 | | | |
| Protein Total | 总蛋白 | g/dl | 4.94 | 3.95 | 5.93 | 0.495 | 0.990 | 双缩脲反应终点法 | Biuret reaction, end point | |
| | | g/l | 49.4 | 39.5 | 59.3 | 4.95 | 9.90 | | | |
| PSA Total | 总前列腺特异抗原 (tPSA) | ng/ml = µg/l | 20.7 | 15.5 | 25.9 | 2.60 | 5.20 | Roche Cobas e402/e801 | Roche Cobas e402/e801 | |
| Thyroid Stimulating Hormone | 促甲状腺激素 | µU/ml = mIU/l | 1.48 | 1.18 | 1.78 | 0.150 | 0.300 | Roche Cobas e402/e801 | Roche Cobas e402/e801 | |
| TIBC | 总铁结合力(TIBC) | µg/dl | 260 | 205 | 315 | 27.5 | 55.0 | 直接比色法 | Direct Colorimetric | |
| | | µmol/l | 46.5 | 36.7 | 56.3 | 4.90 | 9.80 | | | |
| Total T4 | 总 T4 | ng/ml | 161 | 121 | 201 | 20.0 | 40.0 | Roche Cobas e402/e801 | Roche Cobas e402/e801 | |
| | | nmol/l | 206 | 155 | 257 | 25.5 | 51.0 | | | |
| | | µg/dl | 16.1 | 12.1 | 20.1 | 2.00 | 4.00 | | | |
| Triglycerides | 甘油三酸酯 | mg/dl | 271 | 228 | 314 | 21.5 | 43.0 | 脂肪酶/GPO-PAP (无校正) | Lipase/GPO-PAP No Correction | |
| | | mmol/l | 3.06 | 2.57 | 3.55 | 0.245 | 0.490 | | | |
| Urea | 尿素 | mg/dl | 131 | 111 | 151 | 10.0 | 20.0 | 脲酶动力学法 | Urease, kinetic | |
| | | mg/dl (BUN) | 61.0 | 51.9 | 70.1 | 4.55 | 9.10 | | | |
| | | mmol/l | 21.8 | 18.5 | 25.1 | 1.65 | 3.30 | | | |
| Uric Acid (Urate) | 尿酸 | mg/dl | 9.71 | 8.45 | 11.0 | 0.645 | 1.29 | 尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶) @546nm | Uricase Perox. with ascorb. ox @ 546nm | |
| | | mmol/l | 0.578 | 0.503 | 0.653 | 0.038 | 0.075 | | | |
| | | µmol/l | 578 | 503 | 653 | 37.5 | 75.0 | | | |
| Zinc | 锌 | µg/dl | 210 | 168 | 252 | 21.0 | 42.0 | 比色法 (去蛋白) | Colorimetric with deprot. | |
| | | µmol/l | 32.2 | 25.8 | 38.6 | 3.20 | 6.40 | | | |