

## آزمایشگاه پاتوبیولوژی و ژنتیک گرگان

مرکز فنون آزمایشگاهی خاورمیانه

ME101

کد آزمون:

Clinical Chemistry

نام آزمون:

Clinical chemistry PT/EQA, 1403, 3rd round

عنوان تقویم:

## آنالیت های کمی

| ردیف | آنالیت                             | Peer Group                        | واحد  | نتیجه A | AV-A   | SDI-A | نتیجه B | AV-B   | SDI-B | Performance |
|------|------------------------------------|-----------------------------------|-------|---------|--------|-------|---------|--------|-------|-------------|
| 1    | Uric Acid                          | TOOS-Biorex                       | mg/dl | 4.6     | 5.60   | -2.38 | 9.7     | 10.28  | -0.84 | ✓           |
| 2    | Albumin                            | BCG-Biorex                        | g/dl  | 4.4     | 4.20   | 0.61  | 8.5     | 8.16   | 0.55  | ✓           |
| 3    | Bilirubin (Total)                  | Others                            | mg/dl | 1       | 0.66   | 2.67  | 1.2     | 1.38   | -0.68 | ✓           |
| 4    | LDL-C                              | Direct Selective detergent-Biorex | mg/dl | 89.1    | 84.90  | 0.36  | 222.1   | 210.34 | 0.37  | ✓           |
| 5    | Sodium                             | ISE Direct-Audicom                | meq/l | 158     | 156.84 | 0.99  |         |        |       | ✓           |
| 6    | Potassium                          | ISE Direct-Audicom                | meq/l | 5.8     | 5.85   | -0.34 |         |        |       | ✓           |
| 7    | Creatinine                         | Jaffe-Biorex                      | mg/dl | 1.31    | 1.01   | 3.14  | 2.42    | 1.92   | 2.84  | ?           |
| 8    | HDL-C                              | Biorex                            | mg/dl | 33.3    | 36.44  | -0.74 | 69      | 67.15  | 0.21  | ✓           |
| 9    | TIBC (total Iron binding capacity) | Direct colorimetric-Pishtaz teb   | µg/dl | 324.7   | 346.55 | -0.43 | 308.3   | 347.37 | -0.73 | ✓           |
| 10   | Urea                               | UV-Biorex                         | mg/dl | 34.9    | 36.26  | -0.62 | 57.3    | 58.39  | -0.35 | ✓           |
| 11   | Total Protein                      | Biorex                            | g/dl  | 7.1     | 6.72   | 1.50  | 14.8    | 13.37  | 2.71  | ✓           |
| 12   | GGT                                | Biorex                            | U/l   | 24.4    | 31.38  | -1.43 | 59.5    | 67.07  | -0.74 | ✓           |
| 13   | Cholesterol                        | CHOD-PAP-Biorex                   | mg/dl | 160     | 154.58 | 0.46  | 359     | 348.03 | 0.42  | ✓           |
| 14   | alfa-Amylase                       | CNPG3-Biorex                      | U/l   | 60.1    | 55.72  | 0.62  | 137.4   | 122.63 | 0.97  | ✓           |
| 15   | CK                                 | IFCC-Biorex                       | U/l   | 109     | 127.88 | -1.57 | 220     | 221.74 | -0.17 | ✓           |

| Performance | SDI-B | AV-B   | نتیجه B | SDI-A | AV-A   | نتیجه A | واحد  | Peer Group          | آنالیت                | ردیف |
|-------------|-------|--------|---------|-------|--------|---------|-------|---------------------|-----------------------|------|
| ✓           | 0.51  | 647.36 | 678     | -0.84 | 282.25 | 264.9   | U/l   | DGKC-Delta          | LDH                   | 16   |
| ✓           | -0.87 | 48.63  | 40.7    | -0.26 | 26.94  | 25.8    | U/l   | Colorimetric Biorex | Lipase                | 17   |
| ✓           | 0.00  | 319.20 | 321.3   | -1.62 | 165.33 | 123.4   | U/l   | DEA-Delta           | ALP                   | 18   |
| ✓           | 0.98  | 241.19 | 277     | 1.36  | 102.95 | 124     | µg/dl | Ferrozine-Delta     | Iron (Fe)             | 19   |
| ✓           | 0.32  | 480.75 | 492     | -1.28 | 194.92 | 176     | mg/dl | GPO-PAP-Delta       | Triglycerides         | 20   |
| ✓           | 1.07  | 60.42  | 68      | 0.63  | 30.88  | 33      | U/l   | IFCC-With PLP-Delta | AST (GOT)             | 21   |
| ✓           | 0.10  | 70.67  | 71.5    | 0.28  | 36.45  | 37.8    | U/l   | IFCC-With PLP-Delta | ALT (GPT)             | 22   |
| ✓           | -0.70 | 0.34   | 0.29    | -1.49 | 0.18   | 0.13    | mg/dl | DPD-Delta           | Direct Bilirubin      | 23   |
| ✓           | 3.71  | 16.65  | 19.8    | 0.35  | 9.07   | 9.3     | mg/dl | Arsenazo-ASALAB     | Calcium               | 24   |
| ✓           | 1.48  | 6.37   | 7.1     | 0.63  | 3.05   | 3.2     | mg/dl | Molybdate UV-ASALAB | Phosphate (inorganic) | 25   |