

LAB MONTHLY SUMMARY

Lab Name **CPC MEDICAL LABORATORY**Lab No **2807**Month **September**Year **2021**Constituent Group **Chemistry I**Date of Result Entered : **15/09/2021**Date of Report Published : **05/10/2021**

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV | Participants | | Your Value | SDI | U |
|-------|--------------|----------------------------------------------|----------------------------------------------|--------------------|--------|--------------|-------|------------|-------|------|
| | | | | | | CV | SD | | | |
| 1 | GLUCOSE | GOD-POD | Transasia / Erba | 855 | 82.85 | 7.46 | 6.18 | 90 mg/dl | 1.16 | 0.42 |
| 2 | UREA | Urease UV / GLDH | Transasia / Erba | 799 | 95.06 | 8.18 | 7.77 | 95 mg/dl | -0.01 | 0.55 |
| 3 | CREATININE | Enzymatic Colorimetric | Transasia / Erba | 335 | 7.74 | 6.22 | 0.48 | 7.9 mg/dl | 0.33 | 0.05 |
| 4 | T.BILIRUBIN | Diazonium salt (Colorimetric) / Jendrassik | Transasia / Erba | 799 | 1.54 | 13.22 | 0.20 | 1.4 mg/dl | -0.69 | 0.01 |
| 5 | T-PROTEIN | Biuret - Colorimetric | Transasia / Erba | 803 | 5.58 | 6.58 | 0.37 | 5.7 g/dl | 0.33 | 0.03 |
| 6 | ALBUMIN | BCG - colorimetric | Transasia / Erba | 815 | 3.26 | 5.92 | 0.19 | 3.2 g/dl | -0.31 | 0.01 |
| 7 | CALCIUM | Arsenazo III | Transasia / Erba | 577 | 8.79 | 8.79 | 0.77 | 9.2 mg/dl | 0.53 | 0.06 |
| 8 | PHOSPHORUS | Molybdate UV / Phosphomolybdate complex | Transasia / Erba | 377 | 3.47 | 13.19 | 0.46 | 3.3 mg/dl | -0.37 | 0.05 |
| 9 | URIC ACID | Enzymatic / Uricase Colorimetric | Transasia / Erba | 777 | 8.33 | 10.23 | 0.85 | 9.5 mg/dl | 1.37 | 0.06 |
| 10 | CHOLESTEROL | CHOD-PAP | Transasia / Erba | 823 | 107.98 | 8.18 | 8.84 | 109 mg/dl | 0.12 | 0.62 |
| 11 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Transasia / Erba | 766 | 232.92 | 8.20 | 19.10 | 238 mg/dl | 0.27 | 1.38 |
| 12 | HDL CHO | Direct method / Enzymatic colorimetric | Transasia / Erba | 619 | 27.05 | 11.57 | 3.13 | 26 mg/dl | -0.34 | 0.25 |
| 13 | SODIUM | ISE - Direct | Any Analyser (Automation / Semi Automation) | 605 | 127.77 | 3.62 | 4.62 | 135 mmol/L | 1.57 | 0.38 |
| 14 | POTASSIUM | ISE - Direct | Any Analyser (Automation / Semi Automation) | 608 | 5.30 | 5.64 | 0.30 | 5.5 mmol/L | 0.67 | 0.02 |
| 15 | CHLORIDE | ISE - Direct | Any Analyser (Automation / Semi Automation) | 472 | 103.50 | 4.05 | 4.19 | 104 mmol/L | 0.12 | 0.39 |
| 16 | AST | UV kinetic without PLP (P-5-P) | Transasia / Erba | 602 | 86.84 | 10.07 | 8.75 | 98 U/L | 1.28 | 0.71 |
| 17 | ALT | UV kinetic without PLP (P-5-P) | Transasia / Erba | 543 | 265.40 | 11.90 | 31.57 | 267 U/L | 0.05 | 2.71 |
| 18 | ALP | PNP AMP kinetic | Transasia / Erba | 701 | 198.13 | 16.60 | 32.89 | 223 U/L | 0.76 | 2.48 |
| 19 | AMYLASE | CNPG3 | Any Analyser (Automation / Semi Automation) | 390 | 73.03 | 16.72 | 12.21 | 71 U/L | -0.17 | 1.24 |
| 20 | MAGNESIUM | Others (Any other principles / Methods) | Any Analyser (Automation / Semi Automation) | 120 | 2.32 | 14.75 | 0.34 | 2.6 mg/dl | 0.82 | 0.06 |

| SDI Range | Interpretation |
|--------------------------------|------------------------------------------|
| Within -1.0 to +1.0 | Excellent. |
| Between ± 1.0 to ± 2.0 | Good. |
| Between ± 2.0 to ± 3.0 | Accept with caution. Warning Signal. |
| Beyond ± 3.0 | Unacceptable performance. Action Signal. |

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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******* End of Report *******