



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2023



PC-1024

Lab Name **HLM JALANA - LUPIN DIAGNOSTICS** Lab No **18900**
Constituent Group **Chemistry I** Date of Result Entered : **14/11/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/12/2023**

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV | Participants CV | SD | Your Value | SDI | U |
|-------|--------------|-------------------------|---|--------------------|--------|-----------------|------|-------------|-------|------|
| 1 | GLUCOSE | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 313 | 90.85 | 3.64 | 3.31 | 91 mg/dL | 0.05 | 0.37 |
| 2 | UREA | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 306 | 93.02 | 3.30 | 3.07 | 94.28 mg/dL | 0.41 | 0.35 |
| 3 | CREATININE | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 309 | 1.07 | 5.31 | 0.06 | 1.04 mg/dL | -0.53 | 0.01 |
| 4 | T.BILIRUBIN | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 306 | 7.32 | 6.00 | 0.44 | 7.2 mg/dL | -0.27 | 0.05 |
| 5 | T-PROTEIN | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 310 | 3.85 | 4.47 | 0.17 | 4.1 g/dL | 1.45 | 0.02 |
| 6 | ALBUMIN | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 311 | 2.06 | 6.01 | 0.12 | 2 g/dL | -0.48 | 0.01 |
| 7 | CALCIUM | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 300 | 7.98 | 5.50 | 0.44 | 7.8 mg/dL | -0.41 | 0.05 |
| 8 | URIC ACID | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 306 | 3.06 | 3.85 | 0.12 | 3 mg/dL | -0.51 | 0.01 |
| 9 | CHOLESTEROL | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 287 | 69.29 | 4.83 | 3.35 | 70 mg/dL | 0.21 | 0.40 |
| 10 | TRIGLYCERIDE | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 273 | 198.06 | 3.78 | 7.49 | 196 mg/dL | -0.28 | 0.91 |
| 11 | HDL | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 283 | 15.21 | 7.09 | 1.08 | 15 mg/dL | -0.19 | 0.13 |
| 12 | SODIUM | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 227 | 117.80 | 2.04 | 2.40 | 114 mmol/L | -1.58 | 0.32 |
| 13 | POTASSIUM | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 231 | 3.33 | 2.62 | 0.09 | 3.2 mmol/L | -1.49 | 0.01 |
| 14 | CHLORIDE | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 205 | 87.70 | 2.83 | 2.48 | 87 mmol/L | -0.28 | 0.35 |
| 15 | AST | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 317 | 137.46 | 6.75 | 9.28 | 137 U/L | -0.05 | 1.04 |
| 16 | ALT | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 307 | 34.95 | 10.67 | 3.73 | 33 U/L | -0.52 | 0.43 |
| 17 | ALP | Dry Chemistry | Ortho Clinical Diagnostics Dry Chemistry Series | 310 | 79.66 | 10.40 | 8.29 | 65 U/L | -1.77 | 0.94 |

| SDI Range | Interpretation |
|---------------------------------|--|
| Within -1.00 to +1.00 | Excellent. |
| Within ± 1.01 to ± 2.00 | Good. |
| Within ± 2.01 to ± 2.99 | Accept with caution. Warning Signal. |
| Beyond ± 3.0 | Unacceptable performance. Action Signal. |

LAB ADDRESS :

**HLM JALANA - LUPIN DIAGNOSTICS
JALNA CRITICAL HOSPITAL, MAHALAXMI NAGAR, MANTHA CHWOK
JALNA
MAHARASHTRA431203**

**Coordinator Contact Details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102**

Pamela Christudoss

**Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore**

**Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *******



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2023



PC-1024

Lab Name **HLM JALANA - LUPIN DIAGNOSTICS** Lab No **18900**
Constituent Group **HbA1c** Date of Result Entered : **14/11/2023**
PT item **Lyophilized human whole blood based** Date of Report Published : **05/12/2023**

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV | Participants | | Your Value | SDI | U |
|-------|---------|-------------------------|-------------------------------|--------------------|------|--------------|------|------------|-------|------|
| | | | | | | CV | SD | | | |
| 1 | HbA1c | HPLC-Ion Exchange | Tosoh G8 - HPLC / HPLC-723G8) | 210 | 6.37 | 3.89 | 0.25 | 5.9 % | -1.90 | 0.03 |

| SDI Range | Interpretation |
|---------------------------------|--|
| Within -1.00 to +1.00 | Excellent. |
| Within ± 1.01 to ± 2.00 | Good. |
| Within ± 2.01 to ± 2.99 | Accept with caution. Warning Signal. |
| Beyond ± 3.0 | Unacceptable performance. Action Signal. |

LAB ADDRESS :

HLM JALANA - LUPIN DIAGNOSTICS
JALNA CRITICAL HOSPITAL, MAHALAXMI NAGAR, MANTHA CHWOK
JALNA
MAHARASHTRA431203

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *****

| | |
|---------------------------------|------------------|
| Lupin Diagnostics, HLM Jalana | Date: 06.12.2023 |
| Self-evaluation analysis report | |

Aim: To assess the performance of the parameter cover under CMC Vellore EQAS Program, in view of unevaluated performance due to wrong methodology mapping.

PT assessment data:

- ✓ Name of survey: CMC Vellore (HbA1c)
- ✓ No of specimens per shipment: 1
- ✓ Current Methodology : Fluorescent- Immunoassay Technology (Other (Any other Principle /Method)

Summary:

- ✓ EQAS program & Sample no : CMC Vellore Sample No-11(November)

Observations:

| Sl.No | Analyte | No of Participants | Expected value | Participants | | Your Value | SDI |
|-------|---------|--------------------|----------------|--------------|------|------------|-------|
| | | | | CV | SD | | |
| 1 | HbA1c | 174 | 6.28 | 8.82 | 0.55 | 5.9 | -0.34 |

Conclusion:

- ✓ Performance found within peer acceptable limit and SDI found <2.0.
- ✓ Hence, the self-evaluation is found satisfactory and monitored performance closely in next sample.

Enclosed: EQAS Peer summary data, Instrument raw data.


Documented by

Amel Rajaram Adhe


Verified by