

8/16/2020 External Quality Assurance Scheme - Print Monthly Summary  
 LAB MONTHLY SUMMARY  
 Lab Name SUNDAR LAB Lab No 11252  
 Month June Year 2020  
 Constituent Chemistry I  
 Group  
 Date of Result Entered : 17/06/2020  
 Date of Report Published : 08/08/2020

| SlNo  | Analyte      | Method / Principle Name                           | Analyzer Name | No of Participants | DV     | CV    | SD    | Your Value | SDI   | U    |
|---|--------------|---|---------------|--------------------|--------|-------|-------|------------|-------|------|
| 1   | GLUCOSE      | GOD-POD   | Any Analyser  | 683                | 81.17  | 10.69 | 8.68  | 74 mg/dl   | -0.93 | 0.66 |
| 2   | UREA         | UREASE UV / GLDH                                  | Any Analyser  | 490                | 50.31  | 9.35  | 4.70  | mg/dl      | 0.13  | 0.43 |
| 3   | CREATININE   | JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate | Any Analyser  | 344                | 3.52   | 10.16 | 0.36  | 3.3 mg/dl  | -0.61 | 0.04 |
| 4   | T.BILIRUBIN  | DIAZONIUM SALT (Colorimetric) / ENDORASSIK        | Any Analyser  | 471                | 5.60   | 11.48 | 0.64  | 5.6 mg/dl  | 0.00  | 0.06 |
| 5   | T-PROTEIN    | BIURET - colorimetric                             | Any Analyser  | 611                | 4.82   | 9.36  | 0.45  | 4.8 g/dl   | -0.04 | 0.04 |
| 6   | ALBUMIN      | BCG - colorimetric                                | Any Analyser  | 600                | 2.94   | 9.35  | 0.28  | 3.1 g/dl   | 0.58  | 0.02 |
| 7   | CALCIUM      | ARSENAZO III                                      | Any Analyser  | 460                | 10.21  | 7.66  | 0.78  | 10.3 mg/dl | 0.12  | 0.07 |
| 8   | PHOSPHORUS   | Molybdate UV / Phosphomolybdate complex           | Any Analyser  | 276                | 5.28   | 12.20 | 0.67  | 5.4 mg/dl  | 0.18  | 0.08 |
| 9   | URIC ACID    | ENZYMATIC / URICASE Colorimetric                  | Any Analyser  | 540                | 4.18   | 17.20 | 0.72  | 3.6 mg/dl  | -0.81 | 0.06 |
| 10  | CHOLESTEROL  | GPO-PAP / Enzymatic Colorimetric / End Point      | Any Analyser  | 602                | 93.96  | 11.10 | 10.43 | 86 mg/dl   | -0.76 | 0.85 |
| 11  | TRIGLYCERIDE | DIRECT METHOD / Enzymatic colorimetric            | Any Analyser  | 524                | 86.52  | 15.84 | 13.71 | 95 mg/dl   | 0.62  | 1.20 |
| 12  | HDL CHO      | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 388                | 23.98  | 16.96 | 4.07  | 28.1 mg/dl | 1.01  | 0.41 |
| 13  | SODIUM       | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 221                | 118.35 | 5.46  | 6.46  | 114 mmol/L | -0.67 | 0.97 |
| 14  | POTASSIUM    | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 231                | 5.27   | 7.76  | 0.41  | 5.2 mmol/L | -0.17 | 0.05 |
| 15  | CHLORIDE     | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 175                | 89.67  | 5.29  | 4.75  | 85 mmol/L  | -0.98 | 0.72 |
| 16  | AST          | UV-Kinetic without PLP (P-5)                      | Any Analyser  | 321                | 108.34 | 14.77 | 16.00 | 134 U/L    | 1.60  | 1.79 |
| 17  | ALT          | UV-Kinetic without PLP (P-5)                      | Any Analyser  | 265                | 280.61 | 19.07 | 53.50 | 324 U/L    | 0.81  | 6.57 |
| 18  | ALP          | PNP - (Based on DGKC)                             | Any Analyser  | 123                | 168.81 | 20.58 | 34.74 | 237 U/L    | 1.96  | 6.26 |
| 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  
 Contact details:  
 Email:clinqc@cmcvellora.ac.in  
 Contact Number: 0416-2283102

*Ravala Christudas*  
 Dr. Pamela Christodoss  
 CMC EQAS Co-Ordinator  
 Christian Medical College, Vellore

12/16/2020 External Quality Assurance Scheme - Print Monthly Summary  
 LAB MONTHLY SUMMARY  
 Lab Name SUNDAR LAB Lab No 11252  
 Month November Year 2020  
 Constituent Chemistry I  
 Group  
 Date of Result Entered : 17/11/2020  
 Date of Report Published : 09/12/2020

| SlNo  | Analyte      | Method / Principle Name                           | Analyzer Name | No of Participants | DV     | CV    | SD    | Your Value | SDI   | U    |
|---|--------------|---|---------------|--------------------|--------|-------|-------|------------|-------|------|
| 1   | GLUCOSE      | GOD-POD   | Any Analyser  | 705                | 387.72 | 9.50  | 36.64 | 377 mg/dl  | -0.29 | 2.77 |
| 2   | UREA         | UREASE UV / GLDH                                  | Any Analyser  | 536                | 57.29  | 10.72 | 6.14  | 62 mg/dl   | 0.77  | 0.53 |
| 3   | CREATININE   | JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate | Any Analyser  | 342                | 8.13   | 10.70 | 0.87  | 7.4 mg/dl  | -0.84 | 0.09 |
| 4   | T.BILIRUBIN  | DIAZONIUM SALT (Colorimetric) / ENDORASSIK        | Any Analyser  | 455                | 1.64   | 17.08 | 0.28  | 2.1 mg/dl  | 1.64  | 0.03 |
| 5   | T-PROTEIN    | BIURET - colorimetric                             | Any Analyser  | 572                | 5.13   | 8.51  | 0.44  | 5.2 g/dl   | 0.16  | 0.04 |
| 6   | ALBUMIN      | BCG - colorimetric                                | Any Analyser  | 553                | 3.15   | 7.86  | 0.25  | 2.9 g/dl   | -1.01 | 0.02 |
| 7   | CALCIUM      | ARSENAZO III                                      | Any Analyser  | 450                | 10.89  | 8.83  | 0.94  | 10.8 mg/dl | -0.10 | 0.09 |
| 8   | PHOSPHORUS   | Molybdate UV / Phosphomolybdate complex           | Any Analyser  | 240                | 3.13   | 13.85 | 0.43  | 3.8 mg/dl  | 1.55  | 0.06 |
| 9   | CHOLESTEROL  | GPO-PAP / Enzymatic Colorimetric / End Point      | Any Analyser  | 613                | 111.05 | 8.38  | 9.31  | 102 mg/dl  | -0.97 | 0.75 |
| 10  | TRIGLYCERIDE | DIRECT METHOD / Enzymatic colorimetric            | Any Analyser  | 566                | 162.70 | 11.55 | 18.80 | 149 mg/dl  | -0.73 | 1.58 |
| 11  | HDL CHO      | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 415                | 26.88  | 16.71 | 4.49  | 28 mg/dl   | -0.20 | 0.44 |
| 12  | SODIUM       | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 235                | 132.30 | 3.80  | 5.03  | 132 mmol/L | -0.06 | 0.66 |
| 13  | POTASSIUM    | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 227                | 2.62   | 8.96  | 0.24  | 2.5 mmol/L | -0.51 | 0.03 |
| 14  | CHLORIDE     | OTHERS ( Any Other Principles / Methods )         | Any Analyser  | 174                | 103.33 | 4.34  | 4.48  | 108 mmol/L | 0.60  | 0.68 |
| 15  | BICARBONATE  | ENZYMATIC - PEPC ( Phosphomolybdate)              | Any Analyser  | 64                 | 13.96  | 28.53 | 3.98  | 24 mmol/L  | 2.52  | 1.00 |
| 16  | AST          | UV-Kinetic without PLP (P-5)                      | Any Analyser  | 326                | 112.05 | 11.98 | 13.42 | 127 U/L    | 1.11  | 1.49 |
| 17  | ALT          | UV-Kinetic without PLP (P-5)                      | Any Analyser  | 311                | 152.35 | 13.00 | 19.80 | 149 U/L    | -0.17 | 2.25 |
| 18  | ALP          | PNP-DEA KINETIC                                   | Any Analyser  | 93                 | 106.12 | 22.68 | 24.07 | 146 U/L    | 1.66  | 4.99 |
| 19  | AMYLASE      | CNP3  | Any Analyser  | 610                | 71.86  | 21.36 | 15.35 | 76 U/L     | 0.27  | 1.24 |
| 20  | MAGNESIUM    | METHYL THYMOL BLUE                                | Any Analyser  | 27                 | 1.99   | 8.95  | 0.18  | 2.1 mg/dl  | 0.62  | 0.07 |
| 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  
 Contact details:  
 Email:clinqc@cmcvellora.ac.in  
 Contact Number: 0416-2283102

*Ravala Christudas*  
 Dr. Pamela Christodoss  
 CMC EQAS Co-Ordinator  
 Christian Medical College, Vellore