

8/18/2020

External Quality Assurance Scheme - Print Monthly Summary

LAB MONTHLY SUMMARY

Lab Name EXCEL PRIMA DIAGNOSTICS  
Month July  
Constituent Group HbA1c

Lab No 10940  
Year 2020

Date of Result Entered : 13/07/2020

Date of Report Published : 14/08/2020

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV   | Participants |      | Your Value | SDI   | U    |
|-------|---------|-------------------------|---------------|--------------------|------|--------------|------|------------|-------|------|
|       |         |                         |               |                    |      | CV           | SD   |            |       |      |
| 1     | HbA1c   | HPLC-ION EXCHANGE       | Any Analyser  | 35                 | 7.37 | 10.90        | 0.80 | 6.6 %      | -0.96 | 0.27 |

| 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. |

Page 1 of 1

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential  
Contact details:  
Email: clinqc@cmcvellore.ac.in  
Contact Number: 0416-2283102

*Pamela Christudoss*  
Dr. Pamela Christudoss  
CMC EQAS Co-Ordinator  
Christian Medical College, Vellore

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

BEFORE DISCUSS

8/18/2020

External Quality Assurance Scheme - Print Monthly Summary

LAB MONTHLY SUMMARY

Lab Name EXCEL PRIMA DIAGNOSTICS  
 Month July  
 Constituent Group Chemistry I

Lab No 10940  
 Year 2020

Date of Result Entered : 13/07/2020

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| Sl.No | Analyte      | Method / Principle Name                   | Analyzer Name                    | No of Participants | DV     | Participants |       | Your Value   | SDI   | U    |
|-------|--------------|---|----------------------------------|--------------------|--------|--------------|-------|--------------|-------|------|
|       |              |   |                                  |                    |        | CV           | SD    |              |       |      |
| 1     | GLUCOSE      | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 234                | 373.83 | 5.57         | 20.82 | 378 mg/dl    | 0.20  | 2.72 |
| 2     | UREA         | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 235                | 95.67  | 4.89         | 4.68  | 95 mg/dl     | -0.14 | 0.81 |
| 3     | CREATININE   | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 227                | 0.69   | 5.06         | 0.04  | 0.8 mg/dl    | 3.14  | 0.00 |
| 4     | T.BILIRUBIN  | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 240                | 3.67   | 8.36         | 0.31  | 3.7 mg/dl    | 0.10  | 0.04 |
| 5     | T-PROTEIN    | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 235                | 4.89   | 5.34         | 0.26  | 4.5 g/dl     | -1.49 | 0.03 |
| 6     | ALBUMIN      | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 235                | 2.82   | 5.67         | 0.16  | 2.7 g/dl     | -0.75 | 0.02 |
| 7     | CALCIUM      | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 224                | 11.18  | 3.93         | 0.44  | 11.7 mg/dl   | 1.18  | 0.06 |
| 8     | URIC ACID    | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 234                | 7.07   | 4.17         | 0.30  | 7.1 mg/dl    | 0.10  | 0.04 |
| 9     | CHOLESTEROL  | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 218                | 95.48  | 5.07         | 4.84  | 99 mg/dl     | 0.73  | 0.86 |
| 10    | TRIGLYCERIDE | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 208                | 267.46 | 5.42         | 14.49 | 280 mg/dl    | 0.87  | 2.01 |
| 11    | HDL CHO      | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 211                | 20.66  | 7.00         | 1.45  | 19 mg/dl     | -1.15 | 0.20 |
| 12    | SODIUM       | OTHERS ( Any Other Principles / Methods ) | Any Analyser                     | 212                | 141.77 | 3.34         | 4.74  | 142.2 mmol/L | 0.09  | 0.65 |
| 13    | POTASSIUM    | OTHERS ( Any Other Principles / Methods ) | Any Analyser                     | 203                | 3.08   | 5.48         | 0.17  | 3.2 mmol/L   | 0.71  | 0.02 |
| 14    | CHLORIDE     | OTHERS ( Any Other Principles / Methods ) | Any Analyser                     | 151                | 109.71 | 5.20         | 5.70  | 103 mmol/L   | -1.18 | 0.93 |
| 15    | AST          | Dry Chemistry with PLP (P-S-P)            | JOHNSON & JOHNSON DRYCHEM SERIES | 221                | 274.04 | 9.69         | 26.55 | 289 U/L      | 0.56  | 3.57 |
| 16    | ALT          | Dry Chemistry with PLP (P-S-P)            | JOHNSON & JOHNSON DRYCHEM SERIES | 215                | 149.66 | 14.29        | 21.39 | 170 U/L      | 0.95  | 2.92 |
| 17    | ALP          | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 234                | 51.88  | 11.26        | 5.84  | 56 U/L       | 0.71  | 0.76 |
| 18    | AMYLASE      | DRY CHEMISTRY                             | JOHNSON & JOHNSON DRYCHEM SERIES | 109                | 36.73  | 17.86        | 6.56  | 43 U/L       | 0.96  | 1.26 |

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|----------------------|--|
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*Pamela Christudoss*  
 Dr. Pamela Christudoss  
 CMC EQAS Co-Ordinator  
 Christian Medical College, Vellore

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

EXCEL PRIMA DIAGNOSTICS, MYSURU

EQAS OUTLIER LOG AND CAPA FORM

**Route cause Analysis :** CMC EQAS-JULY 2020 CYCLE

**Report Published date:** 14/08/2020

**Creatinine : SDI : - 3.14**

**Accept with caution. Unacceptable performance; Action signal**

**Instrument precise result is not submitted to PT provider, instead round off value submitted.**

**Corrective action :**

- **SDI calculated for the precise result obtained in vitros 250 machine.**

Result submitted : 0.8 mg/dL

Date of analysis : 13/8/2020

Method : Jaffe Kintecic method , dry chemistry-vitros 250 machine

Precise Result reported in Vitros 250 : 0.76 mg/dL

SDI calculated for the precise result : **1.75**

**Which is very much acceptable according to PT provider.**

- Instrument test configuration changed to 2 digit after decimal (precise) from the earlier setting of 1 digit after decimal (normal).

**IQC PERFORMANCE**

Number of QC run in the month of July : **31**

Any deviation observed ? : **No**

**ENVIRONMENT**

- Are laboratory temperature and humidity maintained and controlled? -**Yes**

**(22°C temp, 48% humidity)**

EXCEL PRIMA DIAGNOSTICS, MYSURU

EQAS OUTLIER LOG AND CAPA FORM


**CONCLUSION DRAWN :**

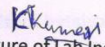
Precise value obtained in Vitros 250 to be submitted for creatinine as SD value will be narrow.

**Preventive action :**

**Always consider 2 digit after decimal value for creatinine while submitting result to EQAS provider.**

Instrument print result and calculated SDI for the same attached along with this report.

  
SIGNATURE OF QUALITY MANAGER

  
Signature of Lab Incharge

--End of report--

LABORATORY REPORT

ANALYZER NAME: PRIMA

\*\*\* ROUTINE \*\*\* PATIENT NAME: DATE: Jul 13 20  
 SAMPLE ID: CMC JULY20 POS: 1 TRAY: TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 12:17:26

| TEST  | RESULT | CODE   | TEST | RESULT | CODE  | TEST | RESULT | CODE   |
|-------|--------|--------|------|--------|-------|------|--------|--------|
| GLU   | 378.   | mg/dL  | AMYL | 43.    | U/L   | AST  | 289.   | U/L    |
| UREA  | 95.0   | mg/dL  | LIPA |        |       | ALT  |        |        |
| CREA  | 0.76   | mg/dL  | Ca   | 11.7   | mg/dL | LDH  |        |        |
| AMON  |        |        | Mg   |        |       | CK   | < 20.  | U/L OR |
| Na+   |        |        | PHOS |        |       | CRMB |        |        |
| K+    | 2.8    | mmol/L | CHOL | 99.    | mg/dL | ALKP | 56.    | U/L    |
| Cl-   |        |        | TRIG | 280.   | mg/dL | GGT  |        |        |
| ECCO2 |        |        |      |        |       | TBIL | 3.7    | mg/dL  |
| THED  |        |        | URIC | 7.1    | mg/dL | Bu   |        |        |
| Fe    |        |        | TP   | 4.5    | g/dL  | Bc   |        |        |
| TIBC  |        |        | ALB  | 2.7    | g/dL  | LAC  |        |        |
|       |        |        | DGN  |        |       | ALC  |        |        |
| SALI  |        |        | CHE  |        |       |      |        |        |
| Li    |        |        | PHER |        |       | PHYT |        |        |
| CFP   |        |        | CREM |        |       |      |        |        |
| ACET  |        |        |      |        |       |      |        |        |
| dHDL  | 19.    | mg/dL  |      |        |       |      |        |        |
|       |        |        | A/G  |        |       | B/CR |        |        |
| GLOB  |        |        | AGPK |        |       | NBIL |        |        |
| C/H   |        |        | AFP  |        |       | DBIL |        |        |
| LDLC  |        |        | OSMO |        |       | DELB |        |        |
| VLDL  |        |        | ZSAT |        |       | % MB |        |        |
|       |        |        |      |        |       | LDL  |        |        |
| C/H   |        |        |      |        |       |      |        |        |
| ALTV  | 170.   | U/L    |      |        |       |      |        |        |

INSTR DL :

creatinine :- Result 2 digit number after decimal selected in machine setting (best configuration).

Participant DV = 0.69  
 SDI =  $\frac{0.76 - 0.69}{0.04} = \frac{\text{Your value} - DV}{SD}$   
 calculated for precise result 0.76 =  $\boxed{1.75}$

mpu  
 14/8/20