

External Quality Assurance Scheme - Print Monthly Summary

24/08/2020

LAB MONTHLY SUMMARY

Lab Name DISTRICT HOSPITAL, KAUSHAMBI  
 Month July  
 Constituent Group Chemistry I

Lab No 13541  
 Year 2020

Date of Result Entered : 18/07/2020

Date of Report Published : 14/08/2020

Sl.No	Analyte	Method - Principle Name	Analyzer Name	No of Participants	CV	CV	SD	Unit Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser	645	399.90	9.06	36.24	362.5 mg/dl	-1.03	2.85
2	UREA	UREASE UV / GLDH	Any Analyser	535	90.34	11.63	10.51	86.6 mg/dl	-0.36	0.91
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Any Analyser	314	0.94	13.15	0.12	0.9 mg/dl	-0.32	0.01
4	T.BILIRUBIN	EVELYN-MALLOY	Any Analyser	97	3.87	13.15	0.51	4.51 mg/dl	1.26	0.10
5	T-PROTEIN	BIURET - colorimetric	Any Analyser	590	5.33	8.65	0.46	5.6 g/dl	0.59	0.04
6	T-PROTEIN	BIURET - colorimetric	Any Analyser	568	3.23	8.45	0.27	3.49 g/dl	0.95	0.02
7	ALBUMIN	BCG - colorimetric	Any Analyser	568	3.23	8.45	0.27	3.49 g/dl	0.95	0.02
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Any Analyser	239	3.50	13.85	0.48	3.67 mg/dl	0.35	0.06
9	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Any Analyser	532	7.41	11.15	0.83	8.83 mg/dl	1.72	0.07
10	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	559	104.49	8.66	9.05	106.49 mg/dl	0.22	0.77
11	CHOLESTEROL	CHOD-PAP	Any Analyser	503	224.53	9.17	20.59	238.5 mg/dl	0.68	1.84
12	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	357	25.86	15.11	3.91	51.89 mg/dl	6.66	0.41
13	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Any Analyser	297	204.93	15.51	31.79	133.7 U/L	-2.24	3.69
14	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	281	122.90	18.29	22.48	55.6 U/L	-2.99	2.68
15	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	281	122.90	18.29	22.48	55.6 U/L	-2.99	2.68
16	ALP	PNP - (Based on DGKC)	Any Analyser	117	75.81	28.54	21.64	66.8 U/L	-0.42	4.00

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.

→ For ALT and AST, SDI is coming between  $\pm 2$  to  $\pm 3$ , which is a warning signal, parameters are under observation, corrective action will be taken if SDI will come more than  $\pm 3$ .

Homogeneity and Stability of the sample is passed.

→ On next cycle, parameters are performing ok.

Data in CMC EQAS reports is confidential  
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Pamela Christudoss  
 Dr. Pamela Christudoss  
 CMC EQAS Co-Ordinator  
 Christian Medical College, Vellore

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

ID:	EQAS RERUN		
Name:			
Sex:	Male		
Date of birth:			
Physician:			
Measured:	18-08-2020 12:09:19 PM		
Request type:	STAT - Normal - UNLOADED		
Test	Result	Flags	Reference range
HDL HDL	30 mg/dL		

for HDL

$$SDI = \frac{\text{Your value} - DV}{SD}$$

$$SDI = \frac{30 - 25.86}{3.91}$$

$$SDI = 1.05$$