


Lab Monthly Summary

 Lab Name KVR HOSPITAL Lab No 14829
 Month June Year 2021
 Constituent Group Chemistry I

Date of Result Entered : 21/06/2021

Date of Report Published : 03/07/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	178	418.12	6.34	26.51	400.5 mg/dl	-0.66	3.97
2	UREA	Urease UV / GLDH	Mindray	183	24.09	10.73	2.59	22.9 mg/dl	-0.46	0.38
3	CREATININE	Enzymatic Colorimetric	Mindray	55	5.36	6.44	0.34	5.4 mg/dl	0.12	0.09
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	150	1.07	12.09	0.13	1.16 mg/dl	0.69	0.02
5	T-PROTEIN	Biuret - Colorimetric	Mindray	180	4.31	8.46	0.36	4.5 g/dl	0.52	0.05
6	CALCIUM	Arsenazo III	Mindray	138	9.04	6.28	0.57	9 mg/dl	-0.07	0.10
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	376	3.45	12.90	0.44	3.37 mg/dl	-0.18	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	177	3.21	13.29	0.43	2.95 mg/dl	-0.61	0.06
9	CHOLESTEROL	CHOD-PAP	Mindray	195	92.52	7.56	7.00	92.7 mg/dl	0.03	1.00
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	185	83.13	10.24	8.52	88.4 mg/dl	0.62	1.25
11	HDL CHO	Direct method / Enzymatic colorimetric	Mindray	148	21.36	13.22	2.82	22.6 mg/dl	0.44	0.46
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	558	119.11	4.35	5.18	120.5 mmol/L	0.27	0.44
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	559	2.81	5.91	0.17	2.81 mmol/L	0.00	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	426	87.50	6.50	5.68	85.3 mmol/L	-0.39	0.55
15	AST	UV kinetic without PLP (P-5-P)	Mindray	117	29.19	13.48	3.94	23.2 U/L	-1.52	0.73
16	ALT		Mindray	85	247.01	13.68	33.80		-1.98	7.33

		UV kinetic without PLP (P-5-P)						180.1 U/L		
17	ALP	PNP AMP kinetic	Mindray	106	113.74	16.06	18.27	134 U/L	1.11	3.55
18	AMYLASE	CNPG3	Transasia / Erba	338	28.48	19.78	5.63	43 U/L	2.58	0.61
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	63	74.28	15.84	11.76	79.5 ug/dl	0.44	2.96
20	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	119	2.26	10.75	0.24	2.28 mg/dl	0.08	0.04

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@cmcvellore.ac.in

Contact Number: 0416-2283102



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

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