



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2022



PC-1024

Lab Name **DR VAIBHAV'S PAHOCITY PATH LAB & IMAGING** Lab No **15780**
 Constituent Group **Chemistry I** Date of Result Entered : **17/04/2022**
 PT item **Lyophilized Serum** Date of Report Published : **05/05/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Agape	166	227.61	7.21	16.41	239.81 mg/dL	0.74	2.55
2	UREA	Urease UV / GLDH	Agape	174	36.97	8.41	3.11	40.02 mg/dL	0.98	0.47
3	CREATININE	Enzymatic Colorimetric	Agape	62	5.05	5.74	0.29	4.78 mg/dL	-0.93	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	143	2.90	10.42	0.30	3.16 mg/dL	0.86	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	175	5.51	6.13	0.34	5.29 g/dL	-0.65	0.05
6	ALBUMIN	BCG - colorimetric	Agape	166	3.59	7.04	0.25	3.45 g/dL	-0.55	0.04
7	CALCIUM	Arsenazo III	Agape	128	10.85	6.63	0.72	12.12 mg/dL	1.77	0.13
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	417	6.18	9.35	0.58	2.96 mg/dL	-5.55	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	158	6.90	8.96	0.62	7.38 mg/dL	0.78	0.10
10	CHOLESTEROL	CHOD-PAP	Agape	180	107.07	7.49	8.02	95.77 mg/dL	-1.41	1.20
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	172	125.69	7.63	9.59	131.94 mg/dL	0.65	1.46
12	HDL	Direct method / Enzymatic colorimetric	Agape	131	26.51	10.29	2.73	27.91 mg/dL	0.51	0.48
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	986	135.62	2.99	4.05	137.6 mmol/L	0.49	0.26
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	958	3.94	5.03	0.20	3.94 mmol/L	0.00	0.01
15	AST	UV kinetic(with & without PLP (P-5-P))	Agape	155	108.00	10.79	11.66	111.08 U/L	0.26	1.87
16	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	136	58.56	17.66	10.34	64.91 U/L	0.61	1.77
17	ALP	PNP AMP kinetic	Agape	98	150.96	20.15	30.42	171.97 U/L	0.69	6.15
18	AMYLASE	CNPG3	Transasia / Erba	425	62.32	18.63	11.61	74.05 U/L	1.01	1.13
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	95	89.44	10.37	9.27	95.32 ug/dL	0.63	1.90

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.

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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 *******