

LAB MONTHLY SUMMARY



Lab Name **DIAGNOSTIC POINT PATH LABS**
 Month **August**
 Constituent Group **Chemistry I**

Lab No **4991**
 Year **2021**



Date of Result Entered : 13/08/2021

Date of Report Published : 01/09/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	661	208.21	8.82	18.37	210 mg/dl	0.10	1.43
2	UREA	Urease UV / GLDH	Transasia / Erba	776	78.17	6.83	5.34	80 mg/dl	0.34	0.38
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	325	3.21	6.05	0.19	3.22 mg/dl	0.05	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	566	2.65	17.54	0.46	2.96 mg/dl	0.67	0.04
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	818	5.49	7.76	0.43	5.48 g/dl	-0.02	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	801	3.15	6.19	0.20	3.27 g/dl	0.62	0.01
7	CALCIUM	OCPC (O - Cresolphthalein Complezone)	Any Analyser (Automation / Semi Automation)	169	9.73	7.87	0.77	10 mg/dl	0.35	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	313	3.62	14.76	0.54	3.87 mg/dl	0.62	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	719	4.93	9.16	0.45	5.1 mg/dl	0.38	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	825	104.21	8.58	8.94	95 mg/dl	-1.18	0.62
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	784	129.90	10.62	13.80	116.7 mg/dl	-0.96	0.99
12	HDL CHO	Direct method / Enzymatic colorimetric	Transasia / Erba	605	25.53	12.35	3.15	28.2 mg/dl	0.80	0.26
13	SODIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	178	138.23	3.87	5.35	133 mmol/L	-0.98	0.80
14	POTASSIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	177	4.04	6.94	0.28	4.2 mmol/L	0.57	0.04
15	CHLORIDE	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	131	103.56	4.84	5.02	97.6 mmol/L	-1.19	0.88
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	149	21.10	16.26	3.43	25.42 mmol/L	1.26	0.56
17	AST	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	611	60.46	15.93	9.63	60 U/L	-0.05	0.78
18	ALT	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	522	91.37	18.61	17.01	107.1 U/L	0.92	1.49
19	ALP	PNP AMP kinetic	Transasia / Erba	581	534.16	15.19	81.15	548 U/L	0.17	6.73
20	AMYLASE	CNPG3	Transasia / Erba	274	121.53	16.02	19.47	130 U/L	0.44	2.35
21	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	51	177.94	10.06	17.90	166.6 ug/dl	-0.43	5.01

17.95 | 0.46 | 2.57 mg/dl | 0.07

2.54 | 116

Any Analyser (Automation / Semi Automation)

Others (Any other principles / Methods) | *FSE*

SDI Range	Interpretation
Within 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.

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

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