

LAB MONTHLY SUMMARY



Lab Name **DR. POTDAR LABORATORIES** Lab No **1959**
 Month **July** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 14/07/2021

Date of Report Published : 02/08/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	100.02	4.77	4.78	99.3 mg/dl	-0.15	0.56
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	138.31	5.49	7.59	137.35 mg/dl	-0.13	0.87
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	8.21	4.93	0.40	8.5 mg/dl	0.72	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	5.44	4.80	0.26	5.5 mg/dl	0.23	0.03
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	4.68	4.79	0.22	4.4 g/dl	-1.25	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	3.13	4.38	0.14	3.2 g/dl	0.51	0.02
7	CALCIUM	OCPC (O - Cresolphalein Compleazone)	Any Analyser (Automation / Semi Automation)	177	10.20	8.73	0.89	10.4 mg/dl	0.22	0.13
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	319	6.39	12.37	0.79	6.3 mg/dl	-0.11	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	9.04	4.82	0.44	9.3 mg/dl	0.60	0.05
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	101.94	4.46	4.55	104.33 mg/dl	0.53	0.52
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	233.89	3.77	8.82	255.45 mg/dl	2.44	1.07
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	21.51	5.17	1.11	24.09 mg/dl	2.32	0.13
13	SODIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	308	145.88	4.05	5.90	158 mmol/L	2.05	0.67
14	POTASSIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	309	3.66	5.85	0.21	4 mmol/L	1.59	0.02
15	CHLORIDE	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	238	100.30	4.07	4.09	101 mmol/L	0.17	0.53

16	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	110	108.16	13.93	15.07	118.19 U/L	0.67	2.87
17	ALT	IIV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	79	34.47	19.32	6.66	35.5 U/L	0.15	1.50
18	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	281	140.96	8.93	12.59	136 U/L	-0.39	1.50
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	393	111.19	17.02	18.93	117 U/L	0.31	1.91
20	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	116	200.91	4.78	9.61	298.4 ug/dl	10.14	1.78
21	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	100	3.76	5.40	0.20	2.34 mg/dl	-7.00	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

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