

LAB MONTHLY SUMMARY

Lab Name **SHRADHHADEEP GREENCROSS PATHOLOGY**

Lab No **5524**

Month **January**

Year **2020**

Constituent Group **Chemistry I**

Date of Result Entered : **22/01/2020**

Date of Report Published : **11/02/2020**

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	223	126.10	3.60	4.54	129.32 mg/dl	0.71	0.61
2	UREA	UREASE UV / GLDH	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	243	38.50	5.99	2.31	37.66 mg/dl	-0.36	0.30
3	CREATININE	JAFFE RATE-BLANKED &COMPENSATED/Alkaline Picrate	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	194	1.80	7.31	0.13	1.59 mg/dl	-1.59	0.02
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	226	1.54	6.74	0.10	1.53 mg/dl	-0.10	0.01
5	T-PROTEIN	BIURET - colorimetric	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	238	4.99	4.85	0.24	4.78 g/dl	-0.87	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	230	3.22	4.53	0.15	3.27 g/dl	0.34	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	155	8.50	3.63	0.31	8.57 mg/dl	0.23	0.05
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	176	4.46	3.75	0.17	4.6 mg/dl	0.84	0.03
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	231	5.12	4.80	0.25	5.05 mg/dl	-0.28	0.03
10	CHOLESTEROL	CHOD-PAP	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	248	111.01	4.38	4.86	122.84 mg/dl	2.43	0.62
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	221	101.53	5.34	5.42	100.61 mg/dl	-0.17	0.73
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	220	22.23	6.38	1.42	20.31 mg/dl	-1.35	0.19
13	SODIUM	ISE - Indirect	OTHERS (Any other Analyzer)	1075	131.92	3.49	4.60	134.2 mmol/L	0.50	0.28
14	POTASSIUM	ISE - Indirect	OTHERS (Any other Analyzer)	1075	3.61	4.84	0.18	3.76 mmol/L	0.86	0.01
15	CHLORIDE	ISE - Indirect	OTHERS (Any other Analyzer)	794	98.23	4.42	4.34	98.9 mmol/L	0.15	0.31
16	BICARBONATE	ENZYMATIC - PEPC (Phosphoenolpyruvate)	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	28	17.62	14.17	2.50	12.01 mmol/L	-2.25	0.94
17	AST	UV-Kinetic without PLP (P-5-P)	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	166	74.17	5.61	4.16	74.39 U/L	0.05	0.65
18	ALT	UV-Kinetic without PLP (P-5-P)	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	165	27.55	9.35	2.58	26.73 U/L	-0.32	0.40
19	ALP	PNP AMP KINETIC	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	221	75.81	7.81	5.92	77.77 U/L	0.33	0.80

20	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	113	50.52	4.72	2.38	47.33 U/L	-1.34	0.45
21	CPK	NAC ACTIVATED	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	89	38.32	11.48	4.40	41.48 U/L	0.72	0.93
22	IRON	FERRO ZINE (No Protein Removal)	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	97	149.74	5.98	8.96	149.73 ug/dl	0.00	1.82
23	MAGNESIUM	XYLIDYL BLUE	Roche C111,C311,Integra 400 plus,C501, C502 ,C702	69	1.46	6.67	0.10	1.46 mg/dl	0.00	0.02

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.

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Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential

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