

## ENTER / MODIFY METHODS

Lab Name ALAKNANDA DIAGNOSTIC LAB

Lab No 6213

## Links

Sl No	Constituent Name	Method / Principle Name	Instrument / Analyzer Name
1	GLUCOSE	GOD-POD	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
2	UREA	UREASE UV / GLDH	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
4	T.BILIRUBIN	DIAZONIUM SALT ( Colorimetric ) / JENDRASSIK	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
5	T-PROTEIN	BIURET - colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
6	ALBUMIN	BCG - colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
7	CALCIUM	ARSENazo III	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
10	CHOLESTEROL	CHOD-PAP	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
12	HDL CHO	PRECIPITATION METHOD	Semi Automation ( Statfax / Colorimeter / Spectrophotometer )
13	SODIUM	OTHERS ( Any Other Principles / Methods )	Semi Automation ( Statfax / Colorimeter / Spectrophotometer )
14	POTASSIUM	OTHERS ( Any Other Principles / Methods )	Semi Automation ( Statfax / Colorimeter / Spectrophotometer )
15	CHLORIDE	THIOCYANATE	Semi Automation ( Statfax / Colorimeter / Spectrophotometer )
16	AST	UV-Kinetic without PLP (P-5-P)	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
17	ALT	UV-Kinetic without PLP (P-5-P)	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
18	ALP	PNP DEA KINETIC	Any Analyser
19	AMYLASE	CNPG3	CPC ( Turbochem 100 / 240 Prime & Biolis50i )
20	CPK	NAC ACTIVATED	CPC ( Turbochem 100 / 240 Prime & Biolis50i )

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## LAB MONTHLY SUMMARY

Lab Name ALAKNANDA DIAGNOSTIC LAB Lab No 6213  
 Month October Year 2020  
 Constituent Group Chemistry I

Date of Result Entered : 16/10/2020

Date of Report Published : 05/12/2020

SLNo	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	52	175.78	7.37	12.95	167 mg/dl	-0.68	3.59
2	UREA	UREASE UV / GLDH	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	47	116.29	9.07	10.55	117.9 mg/dl	0.15	3.08
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	35	4.96	6.81	0.34	4.29 mg/dl	-1.98	0.11
4	T.BILIRUBIN	DIAZONIUM SALT ( Colorimetric ) / JENDRASSIK	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	42	3.70	11.10	0.41	4.1 mg/dl	0.97	0.13
5	T-PROTEIN	BIURET - colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	47	4.59	11.20	0.51	5.3 g/dl	1.38	0.15
6	ALBUMIN	BCG - colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	48	2.95	7.21	0.21	3.2 g/dl	1.17	0.06
7	CALCIUM	ARSENAZO III	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	37	10.05	7.81	0.78	10.3 mg/dl	0.32	0.26
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	21	4.90	10.03	0.49	7.1 mg/dl	4.49	0.21
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	45	4.16	11.64	0.48	3.5 mg/dl	-1.36	0.14
10	CHOLESTEROL	CHOD-PAP	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	47	94.75	8.98	8.51	107.9 mg/dl	1.55	2.48
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	46	187.12	8.13	15.22	203.4 mg/dl	1.07	4.49
12	SODIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser	225	128.52	3.86	4.96	131 mmol/L	0.50	0.66
13	POTASSIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser	220	5.54	6.54	0.36	5.5 mmol/L	-0.11	0.05
14	CHLORIDE	THIOCYANATE	Any Analyser	43	104.81	5.54	5.81	109.7 mmol/L	0.84	1.77
15	AST	UV-Kinetic without PLP (P-5-P)	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	35	56.68	11.39	6.46	63.4 U/L	1.04	2.18
16	ALT	UV-Kinetic without PLP (P-5-P)	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	29	180.31	17.43	31.43	188 U/L	0.24	11.67
17	ALP	PNP DEA KINETIC	Any Analyser	84	66.27	24.80	16.43	88.8 U/L	1.37	3.59
18	AMYLASE	CNPG3	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	16	61.70	14.50	8.95	61.6 U/L	-0.01	4.47

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

Contact details:

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*Pamela Christodoss*

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

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

## LAB MONTHLY SUMMARY

Lab Name ALAKNANDA DIAGNOSTIC LAB Lab No 6213  
 Month November Year 2020  
 Constituent Group Chemistry I

Date of Result Entered : 17/11/2020

Date of Report Published : 05/12/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	50	392.64	8.73	34.29	369 mg/dl	-0.69	9.70
2	UREA	UREASE UV / GLDH	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	41	57.73	10.11	5.84	57 mg/dl	-0.13	1.82
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	32	8.12	7.92	0.64	9.3 mg/dl	1.84	0.23
4	T.BILIRUBIN	DIAZONIUM SALT ( Colorimetric ) / JENDRASSIK	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	40	1.54	9.15	0.14	2 mg/dl	3.26	0.04
5	T-PROTEIN	BIURET - colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	40	5.03	9.08	0.46	5 g/dl	-0.07	0.14
6	ALBUMIN	BCG - colorimetric	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	43	3.03	5.61	0.17	3 g/dl	-0.18	0.05
7	CALCIUM	ARSENazo III	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	32	11.13	5.67	0.63	10.3 mg/dl	-1.32	0.22
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	16	3.22	13.11	0.42	4.9 mg/dl	4	0.21
9	CHOLESTEROL	CHOD-PAP	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	46	108.92	9.74	10.61	121.3 mg/dl	1.17	3.13
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	43	160.54	9.42	15.12	148.3 mg/dl	-0.81	4.61
11	SODIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser	235	132.30	3.80	5.03	137 mmol/L	0.94	0.66
12	POTASSIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser	227	2.62	8.96	0.24	3.3 mmol/L	2.89	0.03
13	CHLORIDE	THIOCYANATE	Any Analyser	47	101.60	5.10	5.19	103.9 mmol/L	0.44	1.51
14	AST	UV-Kinetic without PLP (P-5-P)	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	32	112.07	11.98	13.43	122.6 U/L	0.78	4.75
15	ALT	UV-Kinetic without PLP (P-5-P)	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	24	155.62	11.00	17.13	151.2 U/L	-0.26	6.99
16	ALP	PNP DEA KINETIC	Any Analyser	93	106.12	22.68	24.07	120.4 U/L	0.59	4.99
17	AMYLASE	CNPG3	CPC ( Turbochem 100 / 240 Prime & Biolis50i )	14	77.84	18.99	14.78	73.7 U/L	-0.28	7.90

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.
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\*\*\*\*\* End of Report \*\*\*\*\*