

VIEW LAB MONTHLY SUMMARY

Lab Name Central Diagnostic Laboratory, R.M.R.I.OF
MEDICAL SCIENCES

[Details About Robust Analysis](#)

Lab No 1000

[Detail About Monthly Summary](#)

Month August

[Detail about SDI](#)

Year 2022

Constituent Group Chemistry I

[Click on the analyte to view Graphical Data](#)

[All Analyser Result](#)

[Print](#)

Date of Result Entered : 11/08/2022

Date of Report Published :
05/09/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	210	189.31	5.98	11.33	196.55 mg/dL	0.64	1.56
2	UREA	Urease UV / GLDH	Mindray	232	61.83	6.75	4.18	59.3 mg/dL	-0.61	0.55
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	124	2.49	6.70	0.17	2.6 mg/dL	0.66	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	204	3.67	10.30	0.38	3.57 mg/dL	-0.26	0.05
5	T-PROTEIN	Biuret - Colorimetric	Mindray	245	5.90	7.46	0.44	5.85 g/dL	-0.11	0.06
6	ALBUMIN	BCG - colorimetric	Mindray	232	3.56	7.30	0.26	3.49 g/dL	-0.27	0.03
7	CALCIUM	Arsenazo III	Mindray	179	11.44	7.22	0.83	11.58 mg/dL	0.17	0.12
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	226	4.85	9.32	0.45	4.62 mg/dL	-0.51	0.06
9	CHOLESTEROL	CHOD-PAP	Mindray	243	120.04	6.41	7.69	125.43 mg/dL	0.70	0.99
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	234	109.84	8.59	9.44	125 mg/dL	1.61	1.23
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1027	139.51	3.22	4.49	145 mmol/L	1.22	0.28

	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1065	4.59	5.63	0.26	4.95 mmol/L	1.40	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	220	67.37	9.17	6.18	70.68 U/L	0.54	0.83
14	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	174	51.47	10.45	5.38	48.15 U/L	-0.62	0.82
15	ALP	PNP AMP kinetic	Mindray	148	109.82	12.94	14.21	114.12 U/L	0.30	2.34

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.

Links

Modify Address	Modify Methods	Submit Lab Results	View Lab Monthly Summary
Yearly Summary	Change Password	Home	Sign-out

VIEW LAB MONTHLY SUMMARY

Lab Name	Central Diagnostic Laboratory, R.M.R.I.OF MEDICAL SCIENCES	Details About Robust Analysis
Lab No	1000	Detail About Monthly Summary
Month	July	Detail about SDI
Year	2022	
Constituent Group	Chemistry I	

[Click on the analyte to view Graphical Data](#)

All Analyser Result

Print

Date of Result Entered : 12/07/2022

Date of Report Published : 05/08/2022

Sl. No.	Analyte	Method	Analyzer Name	Q1	Q2	Q3	Q4	Mean	SD	CV
1	GLUCOSE	GOD-POD	Mindray	216	311.97	6.21	19.36	313.51 mg/dL	0.08	2.63
2	UREA	Urease UV / GLDH	Mindray	235	128.38	8.56	10.99	129.43 mg/dL	0.10	1.43
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	126	4.24	9.66	0.41	4.81 mg/dL	1.39	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	187	0.98	13.82	0.14	0.99 mg/dL	0.07	0.02
5	T-PROTEIN	Biuret - Colorimetric	Mindray	243	5.71	6.75	0.39	5.61 g/dL	-0.26	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	231	3.53	8.35	0.30	3.37 g/dL	-0.54	0.04
7	CALCIUM	Arsenazo III	Mindray	189	9.89	7.16	0.71	9.83 mg/dL	-0.08	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	233	3.26	10.91	0.36	2.98 mg/dL	-0.79	0.05
9	CHOLESTEROL	CHOD-PAP	Mindray	250	117.84	6.79	8.01	126.51 mg/dL	1.08	1.01
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	219	264.49	6.68	17.67	266.88 mg/dL	0.14	2.39
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1047	139.31	3.44	4.80	142 mmol/L	0.56	0.30
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1099	5.06	6.41	0.32	5.34 mmol/L	0.86	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	220	129.67	8.46	10.97	128.26 U/L	-0.13	1.48
14	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	209	61.97	13.73	8.51	57.97 U/L	-0.47	1.18
15	ALP	PNP AMP kinetic	Mindray	163	238.16	14.46	34.44	268.29 U/L	0.87	5.40

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.

Handwritten signature



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2022



PC-1024

Lab Name Central Diagnostic Laboratory, R.M.R.I.OF MEDICAL SCIENCES Lab No 1000
 Constituent Group Chemistry I Date of Result Entered : 14/06/2022
 PT item Lyophilized Serum Date of Report Published : 07/07/2022

Sl.No	Test	Method / Principle	Analyzer / Kit	No. of Samples	Mean	SD	CV	Ref. Range	SDI	U
1	GLUCOSE	GOD-POD	Mindray	197	145.65	4.91	7.15	151.93 mg/dL	0.88	1.02
2	UREA	Urease UV / GLDH	Mindray	223	86.88	6.46	5.61	89.37 mg/dL	0.44	0.75
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	119	7.75	10.88	0.84	7.81 mg/dL	0.07	0.15
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	191	5.69	8.32	0.47	5.75 mg/dL	0.13	0.07
5	T-PROTEIN	Biuret - Colorimetric	Mindray	242	4.52	7.44	0.34	4.51 g/dL	-0.03	0.04
6	ALBUMIN	BCG - colorimetric	Mindray	214	2.83	10.30	0.29	2.57 g/dL	-0.89	0.04
7	CALCIUM	Arsenazo III	Mindray	182	8.19	7.65	0.63	8.3 mg/dL	0.18	0.09
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	221	9.80	6.48	0.64	9.82 mg/dL	0.03	0.09
9	CHOLESTEROL	CHOD-PAP	Mindray	227	89.49	6.74	6.03	100.62 mg/dL	1.84	0.80
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	218	144.05	8.51	12.25	154 mg/dL	0.81	1.66
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	961	113.20	5.02	5.68	115 mmol/L	0.32	0.37
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	972	2.04	11.50	0.24	2.33 mmol/L	1.23	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	207	48.83	9.89	4.83	49.69 U/L	0.18	0.67
14	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	202	102.55	13.43	13.77	92.72 U/L	-0.71	1.94
15	ALP	PNP AMP kinetic	Mindray	125	408.57	11.64	47.57	481.7 U/L	1.54	8.51

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.

LAB ADDRESS :

Central Diagnostic Laboratory, R.M.R.I.OF MEDICAL SCIENCES
 DIVISION OF BIOCHEMISTRY, (ICMR), AGAM KUAN
 PATNA
 BIHAR800007

Coordinator Contact Details:
 Email:clinqc@cmcvellore.ac.in

Pamela Christudoss
 Dr. Pamela Christudoss
 CMC EQAS Coordinator

VIEW LAB MONTHLY SUMMARY

Lab Name Central Diagnostic Laboratory, R.M.R.I.OF MEDICAL SCIENCES Details About Robust Analysis
 Lab No 1000 Detail About Monthly Summary
 Month May Detail about SDI
 Year 2022
 Constituent Group Chemistry I

[Click on the analyte to view Graphical Data](#)

[All Analyser Result](#) [Print](#)

Date of Result Entered : 14/05/2022

Date of Report Published : 08/06/2022

Sl No	Analyte	Method	Manufacturer Name	No. of Tests	Mean	SD	CV	Target Value	SDI	SI
1	GLUCOSE	GOD-POD	Mindray	203	190.00	6.28	11.94	200.33 mg/dL	0.87	1.68
2	UREA	Urease UV / GLDH	Mindray	224	62.24	6.26	3.90	97.05 mg/dL	8.93	0.52
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	124	2.48	9.26	0.23	2.82 mg/dL	1.48	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	184	3.55	8.61	0.31	3.73 mg/dL	0.59	0.05
5	T-PROTEIN	Biuret - Colorimetric	Mindray	216	5.88	6.29	0.37	6.07 g/dL	0.51	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	219	3.56	7.65	0.27	3.49 g/dL	-0.26	0.04
7	CALCIUM	Arsenazo III	Mindray	173	11.23	6.66	0.75	11.67 mg/dL	0.59	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	209	4.85	9.64	0.47	4.93 mg/dL	0.17	0.06
9	CHOLESTEROL	CHOD-PAP	Mindray	232	120.27	6.75	8.12	134.43 mg/dL	1.74	1.07
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	226	110.19	9.91	10.92	126.43 mg/dL	1.49	1.45
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1024	139.25	3.38	4.71	148 mmol/L	1.86	0.29
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1002	4.58	5.70	0.26	5.08 mmol/L	1.92	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	209	66.65	9.02	6.01	72.41 U/L	0.96	0.83
14	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	198	51.77	13.54	7.01	48.54 U/L	-0.46	1.00
15	ALP	PNP AMP kinetic	Mindray	148	108.76	13.09	14.23	121.34 U/L	0.88	2.34

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.

CAPA
 Wee. Dep. med
 08/06/22



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2022



PC-1024

Lab Name	Central Diagnostic Laboratory, R.M.R.I.OF MEDICAL SCIENCES	Lab No	1000
Constituent Group	Chemistry I	Date of Result Entered :	13/04/2022
PT item	Lyophilized Serum	Date of Report Published :	05/05/2022

Sl No	Analyte	Method / Reagent	Analyzer Name	1	2	3	4	5	6	7	8	9	10	11	12
1	GLUCOSE	GOD-POD	Mindray	189	226.98	5.93	13.46	230.41 mg/dL	0.25	1.96					
2	UREA	Urease UV / GLDH	Mindray	213	37.50	9.03	3.39	37.67 mg/dL	0.05	0.46					
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	119	5.00	9.63	0.48	5.54 mg/dL	1.12	0.09					
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	174	2.85	8.02	0.23	2.96 mg/dL	0.48	0.03					
5	T-PROTEIN	Biuret - Colorimetric	Mindray	229	5.40	5.91	0.32	5.14 g/dL	-0.82	0.04					
6	ALBUMIN	BCG - colorimetric	Mindray	206	3.38	7.77	0.26	3.22 g/dL	-0.61	0.04					
7	CALCIUM	Arsenazo III	Mindray	174	10.70	6.19	0.66	10.91 mg/dL	0.32	0.10					
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	219	6.73	8.25	0.56	6.36 mg/dL	-0.67	0.08					
9	CHOLESTEROL	CHOD-PAP	Mindray	227	111.45	5.72	6.38	122.99 mg/dL	1.81	0.85					
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	220	130.67	6.84	8.93	266.06 mg/dL	15.16	1.20					
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	986	135.62	2.99	4.05	137 mmol/L	0.34	0.26					
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	958	3.94	5.03	0.20	4.26 mmol/L	1.62	0.01					
13	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	201	117.05	7.58	8.88	119.94 U/L	0.33	1.25					
14	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	198	59.49	14.58	8.67	60.35 U/L	0.10	1.23					
15	ALP	PNP AMP kinetic	Mindray	155	139.86	14.76	20.64	132.62 U/L	-0.35	3.32					

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.

LAB ADDRESS :

Central Diagnostic Laboratory, R.M.R.I.OF MEDICAL SCIENCES
DIVISION OF BIOCHEMISTRY, (ICMR), AGAM KUAN
PATNA
BIHAR800007

Pamela Christudoss

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in

Dr. Pamela Christudoss
CMC EQAS Coordinator

VIEW LAB MONTHLY SUMMARY

Lab Name Central Diagnostic Laboratory, R.M.R.I.OF MEDICAL SCIENCES
 Lab No 1000
 Month March
 Year 2022
 Constituent Group Chemistry I

Details About Robust Analysis

Detail About Monthly Summary

Detail about SDI

[Click on the analyte to view Graphical Data](#)

All Analyser Result

Print

Date of Result Entered : 14/03/2022

Date of Report Published : 06/04/2022

1	GLUCOSE	GOD-POD	Mindray	180	111.73	6.52	7.28	113.18 mg/dL	0.20	1.09
2	UREA	Urease UV / GLDH	Mindray	197	83.53	6.93	5.79	70.53 mg/dL	-2.24	0.83
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	102	4.05	9.79	0.40	4 mg/dL	-0.13	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	167	1.50	11.13	0.17	1.56 mg/dL	0.36	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	210	5.00	6.52	0.33	5.15 g/dL	0.46	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	205	3.15	8.42	0.26	3.04 g/dL	-0.42	0.04
7	CALCIUM	Arsenazo III	Mindray	165	8.72	7.89	0.69	8.78 mg/dL	0.09	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	208	7.82	7.29	0.57	7.49 mg/dL	-0.58	0.08
9	CHOLESTEROL	CHOD-PAP	Mindray	216	104.92	6.67	7.00	108.69 mg/dL	0.54	0.95
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	201	209.14	7.11	14.86	218.42 mg/dL	0.62	2.10
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	920	124.76	4.58	5.71	123 mmol/L	-0.31	0.38
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	882	2.97	6.60	0.20	3.21 mmol/L	1.22	0.01
13	AST	UV kinetic(with & without PLP (P-5- P))	Mindray	178	238.86	8.13	19.43	250.5 U/L	0.60	2.91
14	ALT	UV kinetic(with & without PLP (P-5- P))	Mindray	171	165.25	12.14	20.05	155.72 U/L	-0.48	3.07
15	ALP	PNP AMP kinetic	Mindray	123	208.84	14.58	30.44	244.29 U/L	1.16	5.49

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.