



## VIEW LAB YEARLY SUMMARY

**CHRISTIAN MEDICAL COLLEGE****CMC EXTERNAL QUALITY ASSURANCE SCHEME  
2022 EQAS YEARLY SUMMARY**

The yearly summary is based on the overall mean SDI of every analyte. The groups are made depending upon the number of results received for every individual analyte. The rank is mentioned for every analyte with in the group. This modification in the yearly summary is done with the guidelines provided by NABL during the assessment for accreditation.

**Group I** : Laboratories who reported 10 to 12 months during 2022

**Group II** : Laboratories who reported 6 to 9 months during 2022

**Group III** : Laboratories who reported less than 6 months during 2022

Sl.No	Parameter	Rank Group	No of Labs	OMSDI	Grade
1	GLUCOSE	Group I	3343	0.86	A
2	UREA	Group I	3306	0.40	A
3	CREATININE	Group I	3301	0.89	A
4	T.BILIRUBIN	Group I	3233	1.59	B
5	T-PROTEIN	Group I	3244	0.32	A
6	ALBUMIN	Group I	3202	0.80	A
7	CALCIUM	Group I	2703	1.79	B
8	URIC ACID	Group I	3166	1.52	B
9	CHOLESTEROL	Group I	3242	0.64	A
10	TRIGLYCERIDE	Group I	3139	0.67	A
11	SODIUM	Group I	2542	0.55	A
12	POTASSIUM	Group I	2531	1.35	B
13	AST	Group I	2804	0.49	A
14	ALT	Group I	2803	0.54	A
15	ALP	Group I	3136	3.70	D

Only first 2 Groups are Graded

OMSDI Range	Grade	Remarks
0.00 to 1.00	A	Excellent
1.01 to 2.00	B	Good
2.01 to 2.99	C	Satisfactory
Beyond ±3.00	D	Unacceptable

Your Lab No 14652

Constituent Group Chemistry I

Address

MEDICARE DIAGNOSTIC LABORATORY ,  
NEAR TALUK HOSPITAL KONNI ,  
PATHANMTHITTA ,  
KERALA ,689691 .

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## VIEW LAB MONTHLY SUMMARY

Lab Name	MEDICARE DIAGNOSTIC LABORATORY	Details About Robust Analysis
Lab No	14652	Detail About Monthly Summary
Month	January	Detail about SDI
Year	2023	
Constituent Group	Chemistry I	

Click on the analyte to view Graphical Data

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

Date of Result Entered : 20/01/2023

Date of Report Published : 09/02/2023

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 )	962	168.13	7.18	12.07	174.8 mg/dL	0.55	0.78
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	588	31.57	10.65	3.36	30.3 mg/dL	-0.38	0.28
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation )	138	1.39	10.91	0.15	1.5 mg/dL	0.72	0.03
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	205	3.20	12.17	0.39	2.71 mg/dL	-1.26	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	956	5.25	9.77	0.51	5.3 g/dL	0.10	0.03
6	ALBUMIN	BCP - Bromocresol purple ( colorimetric )	Roche C111, C311, Integra 400 plus, C501, C502, C702	29	3.30	7.15	0.24	3.4 g/dL	0.42	0.09
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	865	9.49	6.54	0.62	10.2 mg/dL	1.14	0.04
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	939	4.83	16.02	0.77	5.3 mg/dL	0.61	0.05
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	974	113.44	5.89	6.68	112.9 mg/dL	-0.08	0.43
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	935	109.13	7.82	8.54	110.5 mg/dL	0.16	0.56
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	969	132.67	2.93	3.88	127.1 mmol/L	-1.43	0.25
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	997	3.42	5.15	0.18	3.48 mmol/L	0.34	0.01
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	967	50.29	10.00	5.03	46.8 U/L	-0.69	0.32
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	958	57.78	13.00	7.51	49.1 U/L	-1.16	0.49
15	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	793	101.50	10.81	10.97	136.6 U/L	3.20	0.78



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - FEBRUARY 2023



Lab Name **MEDICARE DIAGNOSTIC LABORATORY** Lab No **14652**  
Constituent Group **Chemistry I** Date of Result Entered : **14/02/2023**  
PT Item **Lyophilized human serum based** Date of Report Published : **08/03/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1075	123.23	8.16	10.05	125.4 mg/dL	0.22	0.61
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	648	129.71	8.40	10.90	123.2 mg/dL	-0.60	0.86
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	151	5.17	6.52	0.34	5.1 mg/dL	-0.21	0.05
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	211	1.48	14.72	0.22	1.24 mg/dL	-1.10	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1100	4.63	9.80	0.45	4.5 g/dL	-0.29	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.91	8.69	0.25	3 g/dL	0.36	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	896	10.41	6.97	0.72	10 mg/dL	-0.57	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1011	6.92	10.14	0.70	7.3 mg/dL	0.54	0.04
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1046	98.66	7.43	7.33	100.9 mg/dL	0.31	0.45
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	988	87.48	8.82	7.72	87.8 mg/dL	0.04	0.49
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1147	120.46	4.12	4.96	119 mmol/L	-0.29	0.29
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1129	5.00	5.46	0.27	4.5 mmol/L	-1.83	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1021	190.14	15.11	28.72	236.7 U/L	1.62	1.80
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1025	49.30	15.70	7.74	59.6 U/L	1.33	0.48
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	338	250.37	15.97	39.99	228 U/L	-0.56	4.35

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 :  
MEDICARE DIAGNOSTIC LABORATORY  
NEAR TALUK HOSPITAL KONNI

## VIEW LAB MONTHLY SUMMARY

Lab Name	MEDICARE DIAGNOSTIC LABORATORY	<a href="#">Details About Robust Analysis</a>								
Lab No	14652	<a href="#">Detail About Monthly Summary</a>								
Month	March	<a href="#">Detail about SDI</a>								
Year	2023									
Constituent Group	Chemistry I									
<a href="#">Click on the analyte to view Graphical Data</a>		<a href="#">All Analyser Result</a>	<a href="#">Print</a>							
Date of Result Entered : 15/03/2023										
Date of Report Published : 04/04/2023										
Sl.No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	977	308.99	10.65	32.90	363.7 mg/dL	1.66	2.10
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	700	58.51	9.15	5.35	56.6 mg/dL	-0.36	0.40
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	163	1.94	8.31	0.16	2 mg/dL	0.37	0.03
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation)	227	5.54	9.79	0.54	4.57 mg/dL	-1.79	0.07
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1082	5.49	10.00	0.55	5.3 g/dL	-0.35	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	751	3.31	7.29	0.24	3.4 g/dL	0.37	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	909	9.37	7.83	0.73	10 mg/dL	0.86	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	931	4.50	17.14	0.77	4.8 mg/dL	0.39	0.05
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1038	110.71	10.15	11.24	105.5 mg/dL	-0.46	0.70
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1004	146.11	8.05	11.77	142.6 mg/dL	-0.30	0.74
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1170	137.65	3.04	4.19	140 mmol/L	0.56	0.24
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1181	4.06	4.95	0.20	4.1 mmol/L	0.20	0.01
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1032	69.96	12.49	8.74	75.3 U/L	0.61	0.54
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	949	197.38	18.40	36.32	214 U/L	0.46	2.36
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	259	79.56	18.89	15.03	72 U/L	-0.50	1.87

## VIEW LAB MONTHLY SUMMARY

Lab Name	MEDICARE DIAGNOSTIC LABORATORY				Details About Robust Analysis					
Lab No	14652				Detail About Monthly Summary					
Month	April				Detail about SDI					
Year	2023									
Constituent Group	Chemistry I									
Click on the analyte to view Graphical Data					<a href="#">All Analyser Result</a>		<a href="#">Print</a>			
					Date of Result Entered : 11/04/2023					
					Date of Report Published : 08/05/2023					
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 )	1042	149.08	6.86	10.22	157.7 mg/dL	0.84	0.63
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	706	38.03	10.55	4.01	37.8 mg/dL	-0.06	0.30
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation )	167	2.90	9.03	0.26	3.1 mg/dL	0.76	0.04
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	229	2.99	11.96	0.36	2.33 mg/dL	-1.84	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1024	5.63	8.55	0.48	5.5 g/dL	-0.27	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	750	3.39	7.50	0.25	3.4 g/dL	0.04	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	927	10.77	10.17	1.10	9.8 mg/dL	-0.89	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1000	5.67	14.41	0.82	6.4 mg/dL	0.89	0.05
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1078	120.85	10.87	13.13	110.7 mg/dL	-0.77	0.80
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1036	111.58	10.98	12.25	109.9 mg/dL	-0.14	0.76
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1181	131.83	3.23	4.26	123 mmol/L	-2.07	0.25
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1175	5.43	5.95	0.32	4 mmol/L	-4.47	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1031	86.19	17.90	15.42	101.9 U/L	1.02	0.96
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1049	66.71	17.40	11.61	73.2 U/L	0.56	0.72
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation )	355	130.78	23.06	30.15	141.5 U/L	0.36	3.20

## VIEW LAB MONTHLY SUMMARY

Lab Name	MEDICARE DIAGNOSTIC LABORATORY	<a href="#">Details About Robust Analysis</a>								
Lab No	14652	<a href="#">Detail About Monthly Summary</a>								
Month	May	<a href="#">Detail about SDI</a>								
Year	2023									
Constituent Group	Chemistry I									
		<a href="#">Click on the analyte to view Graphical Data</a>			<a href="#">All Analyser Result</a>		<a href="#">Print</a>			
		Date of Result Entered : 16/05/2023								
		Date of Report Published : 05/06/2023								
Sl.No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	<a href="#">GLUCOSE</a>	GOD-POD	Any Analyser (Automation / Semi Automation)	1095	246.36	5.38	13.26	247.1 mg/dL	0.06	0.80
2	<a href="#">UREA</a>	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	738	76.52	9.33	7.14	75.3 mg/dL	-0.17	0.53
3	<a href="#">CREATININE</a>	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	171	1.55	8.19	0.13	1.7 mg/dL	1.18	0.02
4	<a href="#">T.BILIRUBIN</a>	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation)	247	4.13	11.79	0.49	3.45 mg/dL	-1.40	0.06
5	<a href="#">T-PROTEIN</a>	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1107	5.11	8.61	0.44	3.2 g/dL	-4.34	0.03
6	<a href="#">ALBUMIN</a>	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	827	3.17	8.64	0.27	3.1 g/dL	-0.26	0.02
7	<a href="#">CALCIUM</a>	Arsenazo III	Any Analyser (Automation / Semi Automation)	968	9.49	6.34	0.60	9.3 mg/dL	-0.32	0.04
8	<a href="#">URIC ACID</a>	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1080	8.40	9.77	0.82	9.1 mg/dL	0.85	0.05
9	<a href="#">CHOLESTEROL</a>	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1116	111.09	7.11	7.89	118.6 mg/dL	0.95	0.47
10	<a href="#">TRIGLYCERIDE</a>	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1078	135.39	6.22	8.43	144.9 mg/dL	1.13	0.51
11	<a href="#">SODIUM</a>	ISE - Direct	Any Analyser (Automation / Semi Automation)	1209	134.44	3.09	4.16	135.4 mmol/L	0.23	0.24
12	<a href="#">POTASSIUM</a>	ISE - Direct	Any Analyser (Automation / Semi Automation)	1220	3.12	5.73	0.18	3.19 mmol/L	0.39	0.01
13	<a href="#">AST</a>	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1086	145.65	12.19	17.75	138.8 U/L	-0.39	1.08
14	<a href="#">ALT</a>	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1087	75.41	12.30	9.28	62.5 U/L	-1.39	0.56
15	<a href="#">ALP</a>	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	391	348.86	17.23	60.10	461.2 U/L	1.87	6.08



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name **MEDICARE DIAGNOSTIC LABORATORY** Lab No **14652**  
 Constituent Group **Chemistry I** Date of Result Entered : **15/06/2023**  
 PT item **Lyophilized human serum based** Date of Report Published : **04/07/2023**

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 )	1157	123.88	6.67	8.26	124.8 mg/dL	0.11	0.49
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	759	48.17	9.57	4.61	48.7 mg/dL	0.11	0.33
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation )	176	2.02	8.94	0.18	2.1 mg/dL	0.44	0.03
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	257	2.90	13.15	0.38	3.04 mg/dL	0.37	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1151	5.92	7.83	0.46	5.9 g/dL	-0.04	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	829	3.54	7.30	0.26	3.5 g/dL	-0.16	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	968	10.07	7.04	0.71	10.2 mg/dL	0.18	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1029	5.37	15.52	0.83	5.2 mg/dL	-0.20	0.05
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1201	124.53	6.12	7.62	123.3 mg/dL	-0.16	0.44
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1112	176.08	8.42	14.82	175.7 mg/dL	-0.03	0.89
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1247	134.31	3.28	4.40	132.3 mmol/L	-0.46	0.25
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1244	5.18	5.90	0.31	5.34 mmol/L	0.52	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1094	66.44	12.71	8.45	70.3 U/L	0.46	0.51
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1006	42.17	19.32	8.15	48.3 U/L	0.75	0.51
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation )	317	143.59	19.26	27.66	183.2 U/L	1.43	3.11

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

LAB ADDRESS :  
 MEDICARE DIAGNOSTIC LABORATORY  
 NEAR TALUK HOSPITAL KONNI