



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
EQAS YEARLY SUMMARY - 2021



PC-1024

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE Lab No 11445  
Constituent Group Chemistry I  
PT item Lyophilized Serum Date of Report Published 10-01-2022

Group I : Laboratories who reported 10 to 12 months during 2021

Group II : Laboratories who reported 6 to 9 months during 2021

Group III : Laboratories who reported less than 6 months during 2021

Sl. No.	Parameter	Group	Score	Grade	
1	GLUCOSE	Group I	2977	1.84	B
2	UREA	Group I	2930	0.66	A
3	CREATININE	Group I	2896	0.64	A
4	T.BILIRUBIN	Group I	2833	0.83	A
5	T-PROTEIN	Group I	2871	0.65	A
6	ALBUMIN	Group I	2824	0.70	A
7	CALCIUM	Group I	2291	0.66	A
8	PHOSPHORUS	Group I	1611	1.06	E
9	URIC ACID	Group I	2780	1.25	B
10	CHOLESTEROL	Group I	2880	0.83	A
11	TRIGLYCERIDE	Group I	2759	1.00	A
12	HDL	Group I	2333	0.79	A
13	SODIUM	Group I	2168	0.71	A
14	POTASSIUM	Group I	2176	0.64	A
15	CHLORIDE	Group I	1702	1.01	B
16	AST	Group I	2794	1.31	B
17	ALT	Group I	2807	0.84	A
18	ALP	Group I	2704	1.05	B
19	AMYLASE	Group I	1563	1.02	B
20	IRON	Group I	422	0.63	A
21	MAGNESIUM	Group I	648	1.54	B

Only first 2 Groups are Graded

OMSDI Range	Grade	Remarks
0.00 - 1.00	A	Excellent
1.01 - 2.00	B	Good
2.01 - 2.99	C	Satisfactory
Beyond $\pm$ 3.00	D	Unacceptable

#### LAB ADDRESS

SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE  
WANADONGRI, HINGNA ROAD  
NAGPUR  
MAHARASHTRA441110

#### Coordinator Contact Details:

Email: clinqc@cmcvellore.ac.in  
Contact number: 0416-2283102

*Pamela Christudoss*

Dr. Pamela Christudoss  
CMC EQAS Coordinator  
Christian Medical College, Vellore

Data in CMC EQAS reports is confidential  
CMC EQAS does not sub contract any components

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

## VIEW LAB MONTHLY SUMMARY

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE  
 Lab No 11445  
 Month August  
 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 : 11/08/2022

Date of Report Published : 05/09/2022

Sl. No.	Analyte	Method	Instrument	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	171	184.37	5.00	9.21	185 mg/dL	0.07	1.41														
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	198	61.85	5.11	3.16	60.6 mg/dL	-0.40	0.45														
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	44	2.48	8.57	0.21	2.5 mg/dL	0.09	0.06														
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	164	3.82	4.58	0.18	4 mg/dL	1.03	0.03														
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	195	5.44	4.17	0.23	5.4 g/dL	-0.18	0.03														
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	192	3.33	4.14	0.14	3.2 g/dL	-0.94	0.02														
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	188	11.53	3.71	0.43	12.1 mg/dL	1.33	0.06														
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	154	4.80	5.17	0.25	5 mg/dL	0.81	0.04														
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	190	4.71	3.56	0.17	4.8 mg/dL	0.54	0.02														
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	195	120.91	5.19	6.27	135.7 mg/dL	2.36	0.90														
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	193	103.44	6.37	6.59	115.2 mg/dL	1.78	0.95														
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	180	25.64	6.95	1.78	26.5 mg/dL	0.48	0.27														
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	125	145.97	2.22	3.24	152 mmol/L	1.86	0.58														
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	126	4.87	2.49	0.12	5.1 mmol/L	1.90	0.02														
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	118	99.23	2.45	2.43	101.4 mmol/L	0.89	0.45														
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	170	70.15	7.30	5.12	70.5 U/L	0.07	0.79														
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	178	51.37	9.96	5.12	54.3 U/L	0.57	0.77														
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	185	109.35	9.18	10.04	115.8 U/L	0.64	1.48														
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	78	45.59	9.90	4.52	43.3 U/L	-0.51	1.02														
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	59	91.99	7.53	6.92	86.4 ug/dL	-0.81	1.80														
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	57	2.77	6.11	0.17	2.9 mg/dL	0.77	0.04														

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.

VIEW LAB MONTHLY SUMMARY

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE  
 Lab No 11445  
 Month July  
 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 : 15/07/2022

Date of Report Published : 05/08/2022

Sl. No	Analyte	Method	Instrument	Count	Mean	SD	CV	Min	Max	Delta	Delta%
1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	174	306.81	4.21	12.93	293 mg/dL	-1.07	1.96	
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	196	133.13	4.91	6.54	135.3 mg/dL	0.33	0.93	
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	43	4.28	6.62	0.28	4.2 mg/dL	-0.28	0.09	
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	161	1.20	6.61	0.08	1.2 mg/dL	0.00	0.01	
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	196	5.35	4.02	0.22	4.8 g/dL	-2.56	0.03	
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	194	3.30	4.60	0.15	3 g/dL	-1.97	0.02	
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	191	9.98	4.19	0.42	9.8 mg/dL	-0.43	0.06	
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	158	6.82	4.78	0.33	6.7 mg/dL	-0.37	0.05	
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	190	3.02	4.76	0.14	2.7 mg/dL	-2.22	0.02	
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	196	120.49	5.95	7.17	122 mg/dL	0.21	1.02	
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	190	257.24	5.66	14.56	279.5 mg/dL	1.53	2.11	
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	176	24.94	6.58	1.64	25 mg/dL	0.04	0.25	
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	124	147.99	2.38	3.52	148 mmol/L	0.00	0.63	
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	130	5.47	2.83	0.16	5.4 mmol/L	-0.45	0.03	
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	123	95.39	2.54	2.42	94.9 mmol/L	-0.20	0.44	
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	173	135.89	5.82	7.91	134.2 U/L	-0.21	1.20	
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	176	60.64	9.76	5.92	68.3 U/L	1.29	0.89	
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	184	251.18	9.80	24.62	245.4 U/L	-0.23	3.63	
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	76	282.81	11.46	32.41	216.7 U/L	-2.04	7.44	
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	59	116.48	6.54	7.62	115.3 ug/dL	-0.15	1.98	
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	58	1.32	9.86	0.13	1.3 mg/dL	-0.15	0.03	

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.

VIEW LAB MONTHLY SUMMARY

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE  
 Lab No 11445  
 Month June  
 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 : 14/06/2022

Date of Report Published : 07/07/2022

Sl. No	ANALYTE	Method	Instrument	Result	Unit	Ref. Range	Delta	Delta %	Delta SDI	Delta Z	Delta P
1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	169	mg/dL	142.26 - 4.38 - 6.23	139	-0.52	0.96		
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	196	mg/dL	87.39 - 4.65 - 4.06	89	0.40	0.58		
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	43	mg/dL	8.37 - 3.74 - 0.31	8.5	0.42	0.10		
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	160	mg/dL	6.03 - 3.97 - 0.24	6.1	0.29	0.04		
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	190	g/dL	4.09 - 3.84 - 0.16	3.6	-3.12	0.02		
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	187	g/dL	2.57 - 4.05 - 0.10	2.4	-1.63	0.02		
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	189	mg/dL	7.76 - 3.43 - 0.27	7.6	-0.60	0.04		
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	152	mg/dL	2.71 - 5.54 - 0.15	2.8	0.60	0.02		
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	188	mg/dL	10.05 - 3.31 - 0.33	10	-0.15	0.05		
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	193	mg/dL	85.87 - 5.27 - 4.52	86.1	0.05	0.65		
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	190	mg/dL	144.15 - 5.77 - 8.32	119.9	-2.92	1.21		
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	177	mg/dL	19.58 - 7.43 - 1.45	19.3	-0.19	0.22		
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	126	mmol/L	113.98 - 1.87 - 2.13	114	0.01	0.38		
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	126	mmol/L	2.08 - 2.45 - 0.05	2.1	0.39	0.01		
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	119	mmol/L	77.55 - 1.91 - 1.48	77	-0.37	0.27		
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	163	U/L	52.03 - 7.40 - 3.85	49.8	-0.58	0.60		
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	164	U/L	101.25 - 9.50 - 9.62	106.1	0.50	1.50		
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	167	U/L	418.41 - 8.30 - 34.73	429.1	0.31	5.37		
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	78	U/L	34.03 - 9.52 - 3.24	29.9	-1.27	0.73		
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	58	ug/dL	181.05 - 4.87 - 8.82	177.1	-0.45	2.32		
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	55	mg/dL	3.47 - 6.45 - 0.22	3.6	0.58	0.06		

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.

VIEW LAB MONTHLY SUMMARY

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE  
 Lab No 11445  
 Month May  
 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 : 12/05/2022

Date of Report Published : 08/06/2022

Sl. No.	Analyte	Method	Instrument	Result	Unit	Reference Range	SDI	CV	CV	CV	CV	CV	CV	CV
1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	165	mg/dL	184.95	5.09	9.41	195	1.07	1.46			
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	190	mg/dL	62.00	5.18	3.21	64	0.62	0.47			
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	43	mg/dL	2.45	8.41	0.21	2.4	-0.24	0.06			
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrossik	Beckman AU480/680/5800/DXC700AU	150	mg/dL	3.88	4.83	0.19	3.8	-0.43	0.03			
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	184	g/dL	5.47	4.46	0.24	5.2	-1.11	0.04			
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	184	g/dL	3.34	4.68	0.16	3.2	-0.90	0.02			
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	180	mg/dL	11.53	3.69	0.43	11.8	0.63	0.06			
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	145	mg/dL	4.76	5.42	0.26	4.8	0.16	0.04			
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	183	mg/dL	4.70	3.61	0.17	4.7	0.00	0.03			
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	186	mg/dL	120.29	5.97	7.18	128.8	1.19	1.05			
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	184	mg/dL	101.24	8.75	8.86	92	-1.04	1.31			
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	171	mg/dL	25.45	7.33	1.87	23.2	-1.21	0.29			
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	120	mmol/L	146.39	2.19	3.20	148	0.50	0.58			
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	121	mmol/L	4.88	2.81	0.14	4.9	0.15	0.02			
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	114	mmol/L	99.59	2.46	2.45	100.1	0.21	0.46			
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	164	U/L	70.20	8.02	5.63	71.3	0.20	0.88			
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	160	U/L	51.16	10.79	5.52	53.7	0.46	0.87			
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	178	U/L	109.61	10.61	11.63	104.3	-0.46	1.74			
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	75	U/L	44.02	9.61	4.23	41.1	-0.69	0.98			
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	55	ug/dL	93.75	7.18	6.73	86.4	-1.09	1.82			
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	51	mg/dL	2.76	5.22	0.14	3	1.67	0.04			

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.

## VIEW LAB MONTHLY SUMMARY

Lab Name **SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE**  
 Lab No **11445**  
 Month **April**  
 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 : 16/04/2022

Date of Report Published : 05/05/2022

Sl. No.	ANALYTE	Method	Instrument	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	154	225.84	4.68	10.57	218 mg/dL	-0.74	1.70			
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	182	36.65	5.83	2.14	34.7 mg/dL	-0.91	0.32			
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	42	5.26	5.46	0.29	5.4 mg/dL	0.49	0.09			
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	151	3.10	5.20	0.16	2.9 mg/dL	-1.24	0.03			
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	178	5.10	4.61	0.24	4.6 g/dL	-2.13	0.04			
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	174	3.15	3.87	0.12	2.8 g/dL	-2.87	0.02			
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	171	10.87	3.47	0.38	11.3 mg/dL	1.14	0.06			
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	142	5.97	5.12	0.31	5.7 mg/dL	-0.88	0.05			
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	176	6.62	4.11	0.27	6.2 mg/dL	-1.54	0.04			
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	178	111.92	5.46	6.11	112.4 mg/dL	0.08	0.92			
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	177	125.98	7.53	9.48	123.9 mg/dL	-0.22	1.43			
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	161	25.15	7.16	1.80	24.8 mg/dL	-0.19	0.28			
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	117	139.69	1.96	2.74	141 mmol/L	0.48	0.51			
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	118	4.12	2.40	0.10	4.2 mmol/L	0.81	0.02			
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	110	106.04	1.92	2.03	106.6 mmol/L	0.28	0.39			
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	159	123.17	6.27	7.72	108.5 U/L	-1.90	1.22			
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	159	59.03	9.67	5.71	53 U/L	-1.06	0.91			
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	176	139.54	9.56	13.34	153.3 U/L	1.03	2.01			
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	73	79.34	9.07	7.19	76.7 U/L	-0.37	1.68			
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	54	87.18	7.29	6.36	121.7 ug/dL	5.43	1.73			
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	53	3.36	7.65	0.26	1.9 mg/dL	-5.62	0.07			

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.

## VIEW LAB MONTHLY SUMMARY

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE  
 Lab No 11445  
 Month March  
 Year 2022  
 Constituent Chemistry I  
 Group

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 : 15/03/2022

Date of Report Published : 06/04/2022

1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	154	107.90	5.19	5.60	120 mg/dL	2.16	0.90
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	179	83.72	5.49	4.60	89.5 mg/dL	1.26	0.69
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	42	4.24	5.45	0.23	4.7 mg/dL	1.99	0.07
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	148	1.74	6.09	0.11	1.8 mg/dL	0.57	0.02
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	176	4.67	4.65	0.22	4.7 g/dL	0.14	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	172	2.92	4.91	0.14	2.9 g/dL	-0.14	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	170	8.52	3.73	0.32	9 mg/dL	1.51	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	142	3.48	6.00	0.21	3.8 mg/dL	1.53	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	176	7.79	4.12	0.32	7.9 mg/dL	0.34	0.05
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	175	103.91	6.49	6.75	113.6 mg/dL	1.44	1.02
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	163	202.82	5.48	11.12	240.3 mg/dL	3.37	1.74
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	161	22.94	7.42	1.70	23.8 mg/dL	0.50	0.27
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	115	127.97	2.56	3.28	145 mmol/L	5.19	0.61
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	116	3.08	3.25	0.10	3.5 mmol/L	4.20	0.02
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	110	88.08	2.79	2.46	99.8 mmol/L	4.77	0.47
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	153	246.40	6.73	16.59	263.6 U/L	1.04	2.68
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	147	159.96	8.82	14.11	179.1 U/L	1.36	2.33
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	170	219.25	9.05	19.83	249.6 U/L	1.53	3.04
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	76	69.65	8.33	5.80	65.3 U/L	-0.75	1.33
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	56	182.31	6.02	10.98	210.7 ug/dL	2.59	2.93
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	54	2.41	5.94	0.14	2.8 mg/dL	2.73	0.04

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.

## CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2022



PC-1024

51 AM

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE

Constituent Group Chemistry I

PT item Lyophilized Serum

Lab No 11445

Date of Result Entered : 16/02/2022

Date of Report Published : 05/03/2022

Sl. No.	Parameter	Method	Instrument	Lab No.	Result	Unit	Target	Delta	Delta%	Delta Z
1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	143	288.51	mg/dL	13.17	4.57	0.57	2.20
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	170	28.07	mg/dL	1.60	5.71	0.33	0.25
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	35	1.03	mg/dL	0.11	10.77	0.63	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	143	5.33	mg/dL	0.24	4.56	-0.12	0.04
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	166	5.04	g/dL	0.21	4.20	-0.66	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	165	3.17	g/dL	0.14	4.35	-1.23	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	157	10.63	mg/dL	0.37	3.44	0.19	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	133	6.08	mg/dL	0.31	5.06	-0.26	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	164	3.83	mg/dL	0.15	3.97	-0.86	0.02
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	165	110.59	mg/dL	6.83	6.17	-0.78	1.06
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	163	99.25	mg/dL	7.84	7.90	-0.33	1.23
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	149	25.00	mg/dL	1.69	6.75	-0.47	0.28
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	106	137.70	mmol/L	2.72	1.97	0.85	0.53
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	107	4.96	mmol/L	0.11	2.16	0.37	0.02
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	100	96.94	mmol/L	2.43	2.51	0.60	0.49
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	132	142.94	U/L	7.74	5.41	-0.24	1.35
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	134	83.10	U/L	5.86	7.06	0.43	1.01
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	163	73.23	U/L	7.66	10.46	-0.12	1.20
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	73	86.30	U/L	9.19	10.65	-2.20	2.15
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	48	108.97	ug/dL	7.38	6.77	-0.82	2.13
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	51	2.91	mg/dL	0.18	6.02	1.66	0.05

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 :  
SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE  
WANADONGRI, HINGNA ROAD  
NAGPUR  
MAHARASHTRA441110

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

*Pamela Christudoss*  
Dr. Pamela Christudoss  
CMC EQAS Coordinator



## VIEW LAB MONTHLY SUMMARY

Lab Name SHALINITAI MEGHE HOSPITAL AND RESEARCH CENTRE

Details About Robust Analysis

Lab No 11445

Detail About Monthly Summary

Month January

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 : 12/01/2022

Date of Report Published : 07/02/2022

1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	134	133.34	4.60	6.13	126 mg/dL	-1.20	1.06
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	162	47.66	5.45	2.60	45.9 mg/dL	-0.68	0.41
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	36	1.67	6.72	0.11	1.5 mg/dL	-1.52	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	136	2.52	5.04	0.13	2.3 mg/dL	-1.73	0.02
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	158	4.62	3.86	0.18	4.3 g/dL	-1.80	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	159	2.89	3.88	0.11	2.7 g/dL	-1.70	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	148	9.06	3.55	0.32	7.5 mg/dL	-4.84	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	128	5.01	5.19	0.26	4.7 mg/dL	-1.19	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	158	6.80	3.81	0.26	6.8 mg/dL	0.00	0.04
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	159	100.77	5.34	5.38	92.1 mg/dL	-1.61	0.85
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	150	126.13	7.39	9.33	118.4 mg/dL	-0.83	1.52
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	141	22.45	7.65	1.72	13.8 mg/dL	-5.03	0.29
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	103	139.41	1.90	2.65	137 mmol/L	-0.91	0.52
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	104	3.80	2.34	0.09	3.7 mmol/L	-1.12	0.02
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	98	106.02	1.72	1.82	103.8 mmol/L	-1.22	0.37
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	124	50.81	6.56	3.34	44.6 U/L	-1.86	0.60
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	124	113.96	10.60	12.08	105.5 U/L	-0.70	2.17
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	152	75.06	10.83	8.13	73.9 U/L	-0.14	1.32
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	70	39.68	8.84	3.51	35.9 U/L	-1.08	0.84
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	42	143.50	5.66	8.12	164.4 ug/dL	2.57	2.51
21	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	50	2.06	5.93	0.12	1.94 mg/dL	-0.98	0.03

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.