



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2022



Lab Name NIRNAYA CLINICAL LABORATORY Lab No 15228

Constituent Group Chemistry I Date of Result Entered : 17/01/2022

PT item Lyophilized Serum Date of Report Published : 07/02/2022

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)	599	131.85	7.51	9.90	128 mg/dl	-0.39	0.81
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	514	47.49	9.10	4.32	50.1 mg/dl	0.60	0.38
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	412	1.72	11.06	0.19	1.9 mg/dl	0.95	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	507	2.39	17.13	0.41	1.2 mg/dl	-2.9	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	579	5.05	9.57	0.48	5 g/dl	-0.10	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	584	3.12	9.63	0.30	3.3 g/dl	0.60	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	475	9.26	7.07	0.65	10.2 mg/dl	1.44	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	566	7.00	11.12	0.78	9 mg/dl	2.57	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	574	102.81	9.03	9.29	113 mg/dl	1.10	0.78
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	532	131.26	10.16	13.33	140 mg/dl	0.66	1.16
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	730	135.21	3.10	4.19	154 mmol/L	4.48	0.31
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	700	3.64	5.24	0.19	4.2 mmol/L	2.93	0.01
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	453	48.65	11.59	5.64	45.1 U/L	-0.63	0.53
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	432	102.89	17.83	18.35	83.8 U/L	-1.04	1.77
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	181	96.46	18.45	17.80	123 U/L	1.49	2.65

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 :

NIRNAYA CLINICAL LABORATORY

MAIN ROAD, KUNNATHUKAL, KARAKONAM

**TRIVANDRUM
KERALA695504**

**Coordinator Contact Details:
Email: clinq@cmcvellore.ac.in
Contact Number: 0416-2283102**

Pamela Christudoss

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

**Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *******

35417

Ref.No:

Instrument Repair Report

Customer Name:	Niraga clinical laboratory Diagnostics Center		
Address:	Kunnathukal		
District, State	IUM, Kerala	Pin Code:	
Telephone No. :		Person In Charge	Boru
Email ID:		Mobile No:	
Instrument Model:	InnoLyte	Serial No.:	035091161486
Call Received Date:	20/01/2022	Call Attended Dates:	20/01/2022
Call Received Time:		Call Attended Time:	In: Out:

Customer Type	Work Carried out at:		
<input type="checkbox"/> Warranty	<input checked="" type="checkbox"/> Site	<input type="checkbox"/> Service Centre	
<input type="checkbox"/> AMC/CMC	Nature Of Visit		
<input type="checkbox"/> RRC	<input type="checkbox"/> Installation	<input type="checkbox"/> Breakdown	<input type="checkbox"/> Application
<input type="checkbox"/> Ad hoc /Others	<input type="checkbox"/> Emergency	<input type="checkbox"/> Others	Prev. Maintenance <input type="checkbox"/> PM1 <input type="checkbox"/> PM2 <input type="checkbox"/> PM3

Customers Complaint

PM visit

Description of work done

checked the instrument, cleaned the tubings wash cup, changed the filling solution for Na⁺, K⁺, Cl⁻ calibrated the instrument
 Run - Sample, now instrument working fine

Art No.	Description	Quantity	Foc/To pay

Customer Remarks

Problem resolved

Yes/No

Customer service Feedback

Poor
 Good
 Very Good
 Excellent

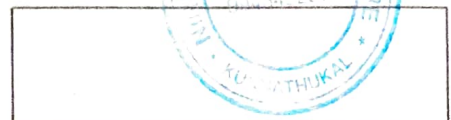
Engineers Details

Name : Rabeel M. R
 Signature : [Signature]
 Date : 20/01/2022

Customer Details

Name : E. K. Bose
 Signature : [Signature]
 Seal : [Seal]

Channel Service Provider



CORRECTIVE ACTION STATUS:

Problem	<u>Sodium ISE Direct result exceeding the SDI range in EQAS Jan 2022 results.</u> <u>SDI Reading : 4.48</u> <u>Result Date: 17 -01-2022</u>
Corrective Action Plan	<u>Equipment to be checked and repaired by the authorized service team within 30 days.</u> <u>Instrument model: Innolyte</u>
Estimated Correction Time	<u>30 days</u>
Status of Correction	<u>Completed</u>
Evidence of Correction	<u>Labx Instrument Repair Report dated 20-01-2022</u>
Desired Result Achieved Status	<u>Yes</u>
Evidence of sDesired Result	<u>SDI range in EQAS Feb 2022 results.</u> <u>SDI Reading : 1.43</u> <u>Result Date: 12-02-2022</u>



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2022



PC 1024

Lab Name **NIRNAYA CLINICAL LABORATORY**Lab No **15228**Constituent Group **Chemistry I**Date of Result Entered : **12/02/2022**PT Item **Lyophilized Serum**Date of Report Published : **05/03/2022**

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)	636	279.83	7.93	22.19	290 mg/dl	0.46	1.76
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	566	29.14	11.31	3.30	24 mg/dl	-1.56	0.28
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	480	1.14	14.51	0.17	1.1 mg/dl	-0.24	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	568	5.14	12.34	0.63	4.8 mg/dl	-0.54	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	633	5.54	8.45	0.47	5.8 g/dl	0.56	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	617	3.39	7.94	0.27	3.6 g/dl	0.78	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	529	10.32	8.98	0.93	10.5 mg/dl	0.19	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	588	4.39	18.02	0.79	5.8 mg/dl	1.78	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	641	114.08	9.55	10.89	129 mg/dl	1.37	0.86
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	599	106.17	11.25	11.94	114 mg/dl	0.66	0.98
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	824	133.88	3.20	4.28	140 mmol/L	1.43	0.30
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	828	4.71	5.58	0.26	5.1 mmol/L	1.48	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	534	133.26	11.26	15.00	130 U/L	-0.22	1.30
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	525	79.11	15.06	11.91	68 U/L	-0.93	1.04
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	220	100.72	23.37	23.54	170 U/L	2.94	3.17

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 :

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home.cmcvellore.ac.in/clinrc/ViewMonthlySummary/printResult_new.aspx?resDefId=251&noSamples=1&month=2&year=2022&runId=1&year

1/2

TRIVANDRUM
KERALA695504

External Quality Assurance Scheme - Print Monthly Summary

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

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

Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *****