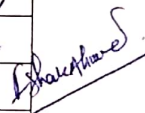



Medisys Diagnostic, Greater Noida

Review of EQAS Result

Date	Name of Analyte	Value	SDI Value	Review / Root cause analysis	Action taken	Remarks	Sign
5/11/22	Potassium	3.98	-1.50	Isc checked at that day.	Isc of K was checked for any outliers on that day when EQAS value = 3.98 was seen, which was found to be ok, therefore frozen aliquot was run for Potassium, the value came with SDI value = -1.50	Corrected	
6/12/22				No outliers			



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2022



PC-1024

Lab Name MEDISYS DIAGNOSTIC

Lab No

10088

Constituent Group Chemistry I

Date of Result Entered :

20/10/2022

PT item Lyophilized Serum

Date of Report Published :

03/11/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	162	111.52	5.59	6.23	111 mg/dL	-0.08	0.98
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	652	126.23	9.59	12.11	132.6 mg/dL	0.53	0.95
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	529	7.71	10.73	0.83	8.6 mg/dL	1.08	0.07
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	231	5.67	10.86	0.62	6.2 mg/dL	0.86	0.08
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	801	5.61	9.70	0.54	5.2 g/dL	-0.75	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	766	3.35	7.79	0.26	3.2 g/dL	-0.57	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	640	10.60	8.98	0.95	10.8 mg/dL	0.21	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	748	6.25	13.83	0.86	5.9 mg/dL	-0.41	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	756	111.32	8.47	9.43	110 mg/dL	-0.14	0.69
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	748	138.64	11.17	15.48	160 mg/dL	1.38	1.13
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	496	27.84	14.72	4.10	26 mg/dL	-0.45	0.37
12	SODIUM	ISE - Indirect	Any Analyser	591	130.58	3.34	4.36	137.8 mmol/L	1.65	0.36
13	POTASSIUM	ISE - Indirect	Any Analyser	592	4.31	5.15	0.22	3.2 mmol/L	-5.05	0.02
14	CHLORIDE	ISE - Indirect	Any Analyser	428	97.65	4.15	4.06	97.6 mmol/L	-0.01	0.39
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	687	38.71	14.68	5.68	37 U/L	-0.30	0.43
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	632	273.06	19.96	54.49	289 U/L	0.29	4.34
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	537	202.06	16.96	34.28	205 U/L	0.09	2.96

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 :
 MEDISYS DIAGNOSTIC
 BLOCK -C, PLOT NO-210, OMICRON - I (NEAR GAUR ATULYAM SOCIETY)
 GREATER NOIDA
 MAHARASHTRA201310

Results discussed with lab staff.

EQAS Rerun

CBS-300 K⁺/Na⁺/Cl⁻/Analyzer

ID: 558 Serum

06.11.22 13:34:41 Normal Range

K: 3.98 mmol/L (3.5-5.5)

Na: 140.7 mmol/L (136-145)

Cl: 104.1 mmol/L (96-108)



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - NOVEMBER 2022



PC-1024

Lab Name MEDISYS DIAGNOSTIC

Lab No

10088

Constituent Group Chemistry I

Date of Result Entered :

20/11/2022

PT item Lyophilized Serum

Date of Report Published :

06/12/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	157	320.64	6.06	19.44	305 mg/dL	-0.80	3.10
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	672	56.51	9.35	5.28	51.3 mg/dL	-0.99	0.41
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	535	3.94	10.35	0.41	4.2 mg/dL	0.64	0.04
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	219	1.75	14.52	0.25	1.5 mg/dL	-0.98	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	741	5.69	7.80	0.44	5.2 g/dL	-1.10	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	743	3.43	8.07	0.28	3.2 g/dL	-0.83	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	621	10.18	7.58	0.77	10.3 mg/dL	0.16	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	767	9.00	10.83	0.97	8.8 mg/dL	-0.21	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	749	116.64	7.85	9.16	110 mg/dL	-0.72	0.67
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	742	220.65	8.78	19.38	224 mg/dL	0.17	1.42
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	521	28.19	15.91	4.49	28.1 mg/dL	-0.02	0.39
12	SODIUM	ISE - Indirect	Any Analyser	575	137.32	3.16	4.34	138.3 mmol/L	0.23	0.36
13	POTASSIUM	ISE - Indirect	Any Analyser	576	5.35	6.62	0.35	5.5 mmol/L	0.42	0.03
14	CHLORIDE	ISE - Indirect	Any Analyser	433	98.05	4.60	4.51	92.7 mmol/L	-1.19	0.43
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	667	155.52	11.05	17.18	149 U/L	-0.38	1.33
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	671	48.21	17.48	8.43	52 U/L	0.45	0.65
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	503	139.79	15.45	21.59	154 U/L	0.66	1.93

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 : *Routa discussed with Lab staff.*
 MEDISYS DIAGNOSTIC
 BLOCK -C, PLOT NO-210, OMICRON - I (NEAR GAUR ATULYAM SOCIETY)
 GREATER NOIDA
 MAHARASHTRA201310