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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2023



Lab Name	TELANGANA DIAGNOSTIC HUB	Lab No	14984
Constituent Group	Chemistry I	Date of Result Entered :	21/03/2023
PT item	Lyophilized human serum based	Date of Report Published :	04/04/2023

SI.N	o Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Partic CV	ipants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	190	330.16	5.20	17.16	330 mg/dL	-0.01	2.49
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	700	58.51	9.15	5.35	33 mg/dL	-4.77	0.40
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	795	1.84	14.24	0.26	2.03 mg/dL	0.73	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	927	5.66	12.32	0.70	6.2 mg/dL	0.77	0.05
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	3.1 g/dL	-0.87	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	909	9.37	7.83	0.73	8.5 mg/dL	-1.19	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	931	4.50	17.14	0.77	3.8 mg/dL	-0.91	0.05
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1038	110.71	10.15	11.24	106 mg/dL	-0.42	0.70
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1004	146.11	8.05	11.77	157 mg/dL	0.93	0.74
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	701	28.43	19.18	5.45	30 mg/dL	0.29	0.41
12	AST	UV kinetic(with & without PLP (P-5- P))	Any Analyser (Automation / Semi Automation)	1032	69.96	12.49	8.74	60 U/L	-1.14	0.54
13	ALT	UV kinetic(with & without PLP (P-5- P))	Any Analyser (Automation / Semi Automation)	949	197.38	18.40	36.32	193 U/L	-0.12	2.36
14	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	713	52.08	20.82	10.84	53 U/L	0.08	0.81
15	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	480	106.12	17.92	19.02	277 U/L	8.98	1.74
	SDI R	lange	Interpretation						1	
Withi	n -1.00 to +1.00		Excellent.					1 .		
Withi	n ±1.01 to ±2.00		Good.							
Withi	n ±2.01 to ±2.99		Accept with caution. Warning Signal.							
-			Signal.							

Unacceptable performance. Action Signal.



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	SDI F	Range			Inter	pretation	า				
Withi	n -1.00 to +1.00	ha a na ann an an ann an an an an an ann an a		Excellent.							
Distances interview											

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.



Form: TD/QSP/08-EQCAR



TITLE EQAS CORRECTIVE ACTION FORM

Issue No. 01

Page 1 of 1

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	cmc vellose
	UREA
	MARCH
Date Sample Tested:	21-3-2023

SPECIMEN HANDLING			
Were specimens received in an acceptable condition?	Yes 🖵	No	
Were specimens stored according to the instructions on the result forms?	Yes 🔎	No	
Were the samples hemolyzed?	Yes 🗆	No	ND'
Were samples tested within the time allowed for sample stability?	Yes 🖵	No	
If applicable, were the samples reconstituted correctly?	Yes 🖵	No	
Notes:			
CLERICAL ERRORS			
Were the results transcribed onto the result forms correctly?	Yes 🖉	No	
Were the results transcribed from the result forms to the website correctly?	Yes I	No	
Were the results recorded on the correct result form?	Yes 🗸	No	
Was the correct instrument/reagent/kit selected?	Yes	No	
Were the results recorded in the correct units?	Yes 🖵	No	
Were the results on your evaluation the same as the results you reported?	Yes 🗹	No	
Notes:			
QUALITY CONTROL			
Were quality control materials within the acceptable range on the date of PT testing? (Verify the quality control acceptable range in use.)	Yes	No	
Is there any indication of trending or shifting of the control results?	Yes 🗆	No	
Notes:			
CALIBRATION			
Were there any problems with the most recent calibration?	Yes 🗆	No	
When was the last calibration performed? 20-3-2023			
How often is a calibration performed? At the time of new kit Placed			
When was the last calibration verification performed? $20-3-2023$			
Notes:			

INSTRUMENT			
Were instrument problems noted the day the samples were tested?	Yes	No	40
Has there been any recent maintenance on the analyzer?	Yes	No	T

PREPARED & REVIEWED BY :	APPROVED & ISSUED BY:
LAB MANAGER : Mrs PRAGNA	LAB HEAD: Dr. AKIFA ZAHID
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	TELAN	IGANA DIAGNOSTICS	Form: TD/QSP/08-EQCAR
And Distriction	TITLE	EQAS CORRECTIVE ACTION FORM	Issue No. 01 Page 1 of 1

			No	9
Notes: Equipment Condition is ok				

REAGENTS				
Were the reagents stored properly?	Yes	Ľ	No	
Were the reagents expired or was the open vial stability exceeded?	Yes	1	No	
Have there been any changes in reagent manufacturer or formulation?			No	æ
Notes: Reagent stability is ok				

TESTING PERSONNEL				
Date of last competency assessment for testing personnel	Yes	J.	No	
Review assay procedure and proficiency test sample preparation instructions with testing personnel to ensure that instructions were followed			No	
Review with testing personnel how samples were loaded to rule out misidentification or transposition of samples.			No	
Notes: Comptent personal was done.				

Corrective Action:

Reven the sample again shows theullin roomal limits.

Person Performing Investigation:	Haraneeth	Date:	21-3-23
Lab Director:		Date:	2

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LAB MANAGER : Mrs PRAGNA	LAB HEAD: Dr. AKIFA ZAHID
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TITLE EQAS CORRECTIVE ACTION FORM

Issue No. 01 Page 1 of 1

INVESTIGATION SUMMARY: ROOT CAUSE

Pre-analytic Phase of Testing	Analytic Phase of Testing	Post-Analytic Phase of Testing
 PROBLEM WITH PT SAMPLE SAMPLE PROCESSING DATA ENTRY OTHER (SPECIFY): 	☐ METHODOLOGICAL PROBLEM ☐ TECHNICAL PROBLEM ☐ REAGENT PROBLEM ☐ CALIBRATOR PROBLEM ☐ OTHER (SPECIFY):	 CLERICAL ERROR REPORTING PROBLEM NO EXPLANATION AFTER INVESTIGATION OTHER (SPECIFY):

PREVENTION

Preventive action proposed

was bound.

ue	have	de d	in the	Sample	again	but	got	the	Same	Desult.
Prevent	ive action	Plan		nan mangkataka kanan kalamangkata kata kang mananga mag		n (n. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.				
The	JQC	was	checker	d on th	at day	was	olc	binc	l no c	outles

Responsibility

we will recheck and review on next cycle.

Date 20-3-23	Testing Personnel Ry
Date 21-3-23.	Department Technical In charge

PREPARED & REVIEWED BY :	APPROVED & ISSUED BY:
LAB MANAGER : Mrs PRAGNA	LAB HEAD: Dr. AKIFA ZAHID
Ruy	<u>A</u>



TELANGANA DIAGNOSTICS

TITLE

Form: TD/QSP/08-EQCAR

Issue No. 01

Page 1 of 1

EQAS Details	Cmc vellure
Analyte:	Amylase
Month:	MARCIN
Date Sample Tested:	21-3-2023

EQAS CORRECTIVE ACTION FORM

SPECIMEN HANDLING			
Were specimens received in an acceptable condition?	Yes 🖵	No	
Were specimens stored according to the instructions on the result forms?	Yes	No	
Were the samples hemolyzed?	Yes 🗆	No	
Were samples tested within the time allowed for sample stability?	Yes 🖉	No	
If applicable, were the samples reconstituted correctly?	Yes 🕼	No	
Notes:			
CLERICAL ERRORS			
Were the results transcribed onto the result forms correctly?	Yes 🗸	No	
Were the results transcribed from the result forms to the website correctly?	Yes 🖉	No	
Were the results recorded on the correct result form?	Yes 🖵	No	
Was the correct instrument/reagent/kit selected?	Yes 🖵	No	
Were the results recorded in the correct units?	Yes 🖉	No	
Were the results on your evaluation the same as the results you reported?	Yes 🖵	No	
Notes:			
QUALITY CONTROL			
Were quality control materials within the acceptable range on the date of PT testing? (Verify the quality control acceptable range in use.)	Yes 🖵	No	
Is there any indication of trending or shifting of the control results?	Yes 🗆	No	
Notes:			
CALIBRATION			e an
Were there any problems with the most recent calibration?	Yes 🗆	No	P
When was the last calibration performed? 20-3-2023			ч., ^с .
How often is a calibration performed? At the time of new kit placed	X.		
When was the last calibration verification performed? $20 - 3 - 2023$			

INSTRUMENT			
Were instrument problems noted the day the samples were tested?	Yes	No	Ð
Has there been any recent maintenance on the analyzer?	Yes	No	

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LAB MANAGER : Mrs PRAGNA	LAB HEAD: Dr. AKIFA ZAHID
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	TELA	NGANA DIAGNOSTICS	Form: TD/QSP/08-EQCA			
Anna Circumor	TITLE	EQAS CORRECTIVE ACTION FORM				Issue No. 01 Page 1 of 1
		analyzer manufacturer for assistance?		Yes		No 💷
Notes:	quipment	t Condition is ok				

REAGENTS				
Were the reagents stored properly?	Yes	0	No	
Were the reagents expired or was the open vial stability exceeded?	Yes		No	
Have there been any changes in reagent manufacturer or formulation?	Yes		No	J
Notes: Reagent Stability is OK				

TESTING PERSONNEL				
Date of last competency assessment for testing personnel	Yes	1	No	
Review assay procedure and proficiency test sample preparation instructions with testing personnel to ensure that instructions were followed	Yes		No	
Review with testing personnel how samples were loaded to rule out misidentification or transposition of samples.	Yes		No	
Notes: Competent personal was dure.				

Corrective Action: Rerun the Sample again and shows thruthin rusmal limits ()

Person Performing Investigation:	Novorecth	Date:	21-3-2023
Lab Director:		Date:	

PREPARED & REVIEWED BY :	APPROVED & ISSUED BY:
LAB MANAGER : Mrs PRAGNA	LAB HEAD: Dr. AKIFA ZAHID
Pret	130



TITLE

EQAS CORRECTIVE ACTION FORM

Issue No. 01 Page 1 of 1

INVESTIGATION SUMMARY: ROOT CAUSE

Pre-analytic Phase of Testing	Analytic Phase of Testing	Post-Analytic Phase of Testing
PROBLEM WITH PT SAMPLE	METHODOLOGICAL PROBLEM	CLERICAL ERROR
SAMPLE PROCESSING	TECHNICAL PROBLEM	REPORTING PROBLEM
DATA ENTRY	REAGENT PROBLEM	NO EXPLANATION AFTER
OTHER (SPECIFY):	CALIBRATOR PROBLEM	OTHER (SPECIFY):
	OTHER (SPECIFY):	

PREVENTION

Preventive action proposed

we have beaun the Sample again but got the Same desult

Preventive action Plan

The I	QC V	vous	checked	M	that	day	was ok	and	00	Outles
was										

Responsibility

we will recheck and review on never cycle.

Date	21-3-23	Testing Personnel Ry
Date	21-3-23	Department Technical In charge Ry

PREPARED & REVIEWED BY :	APPROVED & ISSUED BY:
LAB MANAGER : Mrs PRAGNA	LAB HEAD: Dr. AKIFA ZAHID
Pyt	No.

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