



EQA CORRECTIVE ACTION FORM

Name of the department : Biochemistry
EQA Programme Name : CMC - Vellore EQAS Programme
Cycle / Sample No. : Chemistry - I
Month and year : JUNE - 2020
Nature of Nonconformance :

EQAS - Glu / Amylase - SDI - HIGH

Root Cause : Random Error
Glucose & Amylase parameters found to be High SDI

Corrective and Preventive action taken:

IQC were satisfactory.

Done By:

R. H. Dhanu

Approved By:

[Signature]

Review during the next EQAS / Effectiveness of Corrective Action:

Next month EQAS should be monitored accordingly.

Done By:

R. H. Dhanu

Approved By:

[Signature]





EQA CORRECTIVE ACTION FORM

Name of the department : BIOCHEMISTRY
EQA Programme Name : CMC - Vellore EQAS Programme
Cycle / Sample No. : Chemistry - I
Month and year : July - 2020
Nature of Nonconformance : EQAS - TRI - SDI - HIGH

Root Cause : Random Error
Total protein found to be High SDI

Corrective and Preventive action taken:

Previous month (June) EQAS found to be normal with SDI.
Hence it could be a random error

Done By:

R. Hishar

Approved By:

[Signature]

Review during the next EQAS / Effectiveness of Corrective Action:

Next, ~~the~~ September month EQAS should be monitored accordingly.

Done By:

R. Hishar

Approved By:

[Signature]





EQA CORRECTIVE ACTION FORM

Name of the department : BIOCHEMISTRY
EQA Programme Name : CMC - EQAS programme
Cycle / Sample No. : Chemistry - I
Month and year : Sep - 2020
Nature of Nonconformance :
EQAS - CHOL - POTASSIUM - SDI - HIGH

Root Cause : Random Error
Cholesterol & potassium found to be high SDI.

Corrective and Preventive action taken:

Due to the pandemic situation, There is no courier service to contact EQAS programme.

Done By: *[Signature]*

[Signature]
Approved By:

Review during the next EQAS / Effectiveness of Corrective Action:

Next month EQAS will be monitored accordingly.

Done By: *[Signature]*

[Signature]
Approved By:





EQA CORRECTIVE ACTION FORM

Name of the department : Biochemistry
EQA Programme Name : CML - EQAS programme
Cycle / Sample No. : Chemistry - I
Month and year : October - 2020
Nature of Nonconformance :
EQAS - TRI - SOD - POT - SDI - HIGH

Root Cause : Random Error.
Triglyceride, Electrolytes (Sodium, potassium) found to be high SDI,

Corrective and Preventive action taken:
previous month September 2020 found to be normal SDI.

Done By:

Approved By:

Review during the next EQAS / Effectiveness of Corrective Action:

Next month's EQAS programme will be monitored accordingly

Done By:

Approved By:





EQA CORRECTIVE ACTION FORM

Name of the department : Biochemistry
EQA Programme Name : CMC - EQAS programme
Cycle / Sample No. : chemistry - I
Month and year : November - 2020
Nature of Nonconformance :

AST & Creatinine EQAS - SDI

Root Cause : Random Error

AST & creatinine tests were found to be high SDI

Corrective and Preventive action taken:

IDL done ~~and~~ successfully & found to be satisfactory.

Done By:

Approved By:

Review during the next EQAS / Effectiveness of Corrective Action:

Next month EQAS programme should be monitored accordingly.

Done By:

Approved By:



LAB MONTHLY SUMMARY

Lab Name **QUALITYCARE DIAGNOSTICS CENTRE**Lab No **2588**Month **July**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **18/07/2020**Date of Report Published : **14/08/2020**

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	645	399.90	9.06	36.24	476.7 mg/dl	2.12	2.85
2	UREA	UREASE UV / GLDH	Any Analyser	535	90.34	11.63	10.51	97.8 mg/dl	0.71	0.91
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Any Analyser	314	0.94	13.15	0.12	1 mg/dl	0.48	0.01
4	T-PROTEIN	BIURET - colorimetric	Any Analyser	590	5.33	8.65	0.46	6.8 g/dl	3.2	0.04
5	ALBUMIN	BCG - colorimetric	Any Analyser	568	3.23	8.45	0.27	3.6 g/dl	1.36	0.02
6	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	532	7.41	11.15	0.83	6.6 mg/dl	-0.98	0.07
7	CHOLESTEROL	CHOD-PAP	Any Analyser	559	104.49	8.66	9.05	103 mg/dl	-0.16	0.77
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	503	224.53	9.17	20.59	238.6 mg/dl	0.68	1.84
9	SODIUM	ISE - Indirect	Any Analyser	928	140.81	3.28	4.62	142.9 mmol/L	0.45	0.30
10	POTASSIUM	ISE - Indirect	Any Analyser	930	3.02	5.95	0.18	2.9 mmol/L	-0.67	0.01
11	CHLORIDE	ISE - Indirect	Any Analyser	677	108.87	5.34	5.81	121.4 mmol/L	2.16	0.45
12	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	297	204.93	15.51	31.79	188 U/L	-0.53	3.69
13	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	281	122.90	18.29	22.48	62.7 U/L	-2.68	2.68
14	ALP	PNP DEA KINETIC	Any Analyser	73	83.07	26.73	22.20	119 U/L	1.62	5.20
15	AMYLASE	CNPG3	Any Analyser	630	39.27	23.01	9.04	39.9 U/L	0.07	0.72

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:

Email: clinqc@cmcvellore.ac.in

Contact Number: 0416-2283102

Pamela Christudoss

**Dr. Pamela Christudoss
CMC EQAS Co-Ordinator
Christian Medical College, Vellore**

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

LAB MONTHLY SUMMARY

Lab Name **QUALITYCARE DIAGNOSTICS CENTRE**Lab No **2588**Month **June**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **18/07/2020**Date of Report Published : **08/08/2020**

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	683	81.17	10.69	8.68	110.4 mg/dl	3.37	0.66
2	UREA	UREASE UV / GLDH	Any Analyser	490	50.31	9.35	4.70	63.5 mg/dl	2.81	0.43
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Any Analyser	344	3.52	10.16	0.36	3.8 mg/dl	0.78	0.04
4	T-PROTEIN	BIURET - colorimetric	Any Analyser	611	4.82	9.36	0.45	5.4 g/dl	1.29	0.04
5	ALBUMIN	BCG - colorimetric	Any Analyser	600	2.94	9.35	0.28	3.5 g/dl	2.04	0.02
6	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	540	4.18	17.20	0.72	4.4 mg/dl	0.31	0.06
7	CHOLESTEROL	CHOD-PAP	Any Analyser	602	93.96	11.10	10.43	102 mg/dl	0.77	0.85
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	524	86.52	15.84	13.71	109 mg/dl	1.64	1.20
9	SODIUM	ISE - Indirect	Any Analyser	947	117.55	4.80	5.65	120.8 mmol/L	0.58	0.37
10	POTASSIUM	ISE - Indirect	Any Analyser	963	5.25	6.49	0.34	5.5 mmol/L	0.73	0.02
11	CHLORIDE	ISE - Indirect	Any Analyser	699	90.26	5.40	4.87	104 mmol/L	2.82	0.37
12	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	321	108.34	14.77	16.00	95.4 U/L	-0.81	1.79
13	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	265	280.61	19.07	53.50	289.1 U/L	0.16	6.57
14	ALP	PNP DEA KINETIC	Any Analyser	70	164.38	21.27	34.96	169 U/L	0.13	8.36
15	AMYLASE	CNPG3	Any Analyser	641	60.86	21.18	12.89	150 U/L	6.92	1.02

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:

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Contact Number: 0416-2283102

Pamela Christudoss

**Dr. Pamela Christudoss
CMC EQAS Co-Ordinator
Christian Medical College, Vellore**

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

LAB MONTHLY SUMMARY

Lab Name **QUALITYCARE DIAGNOSTICS CENTRE**Lab No **2588**Month **November**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **27/11/2020**Date of Report Published : **05/12/2020**

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	705	387.72	9.50	36.84	174.2 mg/dl	-5.8	2.77
2	UREA	UREASE UV / GLDH	Any Analyser	536	57.29	10.72	6.14	87.2 mg/dl	4.87	0.53
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Any Analyser	342	8.13	10.70	0.87	2.7 mg/dl	-6.24	0.09
4	T-PROTEIN	BIURET - colorimetric	Any Analyser	572	5.13	8.51	0.44	5.2 g/dl	0.16	0.04
5	ALBUMIN	BCG - colorimetric	Any Analyser	553	3.15	7.86	0.25	3 g/dl	-0.60	0.02
6	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	566	162.70	11.55	18.80	116.7 mg/dl	-2.45	1.58
7	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	326	112.05	11.98	13.42	170.6 U/L	4.36	1.49
8	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	311	152.35	13.00	19.80	121.2 U/L	-1.57	2.25

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ± 1.0 to ± 2.0	Good.
Between ± 2.0 to ± 3.0	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

Page 1 of 1

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CMC EQAS Co-Ordinator
Christian Medical College, Vellore

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

LAB MONTHLY SUMMARY

Lab Name **QUALITYCARE DIAGNOSTICS CENTRE**Lab No **2588**Month **October**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **19/10/2020**Date of Report Published : **05/12/2020**

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	697	174.76	8.22	14.37	201 mg/dl	1.83	1.09
2	UREA	UREASE UV / GLDH	Any Analyser	535	113.61	10.45	11.87	91.3 mg/dl	-1.88	1.03
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Any Analyser	356	4.81	10.78	0.52	4.3 mg/dl	-0.98	0.05
4	T-PROTEIN	BIURET - colorimetric	Any Analyser	601	4.91	9.75	0.48	4.2 g/dl	-1.48	0.04
5	ALBUMIN	BCG - colorimetric	Any Analyser	614	3.01	10.34	0.31	3.1 g/dl	0.29	0.03
6	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	505	4.08	18.40	0.75	3 mg/dl	-1.44	0.07
7	CHOLESTEROL	CHOD-PAP	Any Analyser	617	96.75	9.91	9.59	100 mg/dl	0.34	0.77
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	533	187.63	11.02	20.67	103.4 mg/dl	-4.07	1.79
9	SODIUM	ISE - Indirect	Any Analyser	957	128.78	3.81	4.91	145 mmol/L	3.30	0.32
10	POTASSIUM	ISE - Indirect	Any Analyser	953	5.45	6.29	0.34	6.5 mmol/L	3.06	0.02
11	CHLORIDE	ISE - Indirect	Any Analyser	693	106.98	4.69	5.01	111.7 mmol/L	0.94	0.38
12	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	322	56.42	12.99	7.33	52.4 U/L	-0.55	0.82
13	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	325	176.15	19.71	34.71	179 U/L	0.08	3.85
14	ALP	PNP DEA KINETIC	Any Analyser	84	66.27	24.80	16.43	102 U/L	2.17	3.59
15	AMYLASE	CNPG3	Any Analyser	668	59.04	23.52	13.89	89.7 U/L	2.21	1.07

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

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Christian Medical College, Vellore**

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

LAB MONTHLY SUMMARY

Lab Name **QUALITYCARE DIAGNOSTICS CENTRE**Lab No **2588**Month **September**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **21/09/2020**Date of Report Published : **07/10/2020**

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	705	236.57	8.29	19.62	272 mg/dl	1.81	1.48
2	UREA	UREASE UV / GLDH	Any Analyser	505	133.75	11.33	15.16	115 mg/dl	-1.24	1.35
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Any Analyser	355	1.44	12.53	0.18	1.9 mg/dl	2.56	0.02
4	T-PROTEIN	BIURET - colorimetric	Any Analyser	617	5.43	9.80	0.53	5.9 g/dl	0.88	0.04
5	ALBUMIN	BCG - colorimetric	Any Analyser	600	3.28	8.69	0.28	2.8 g/dl	-1.68	0.02
6	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	499	7.23	9.74	0.70	7.9 mg/dl	0.95	0.06
7	CHOLESTEROL	CHOD-PAP	Any Analyser	621	108.84	9.79	10.66	161 mg/dl	4.89	0.86
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	497	96.77	12.39	11.99	109 mg/dl	1.02	1.08
9	SODIUM	ISE - Indirect	Any Analyser	974	141.25	3.18	4.49	148 mmol/L	1.50	0.29
10	POTASSIUM	ISE - Indirect	Any Analyser	958	4.19	5.29	0.22	4.9 mmol/L	3.20	0.01
11	CHLORIDE	ISE - Indirect	Any Analyser	705	109.78	5.12	5.62	110 mmol/L	0.04	0.42
12	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	314	225.26	12.43	28.00	222 U/L	-0.12	3.16
13	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	310	109.11	17.34	18.92	123 U/L	0.73	2.15
14	ALP	PNP DEA KINETIC	Any Analyser	69	81.93	18.78	15.38	127 U/L	2.93	3.70
15	AMYLASE	CNPG3	Any Analyser	622	141.03	22.10	31.17	180 U/L	1.25	2.50

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

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