

LAB MONTHLY SUMMARY



Lab Name A3 HORMONE LAB

Lab No 14271

Month January

Year 2021

Constituent Group Chemistry I



Date of Result Entered : 20/01/2021

Date of Report Published : 05/02/2021

Sl No.	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	254	123.85	3.26	4.04	123.2 mg/dl	-0.16	0.51
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	273	29.27	6.97	2.04	28.4 mg/dl	-0.43	0.25
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	225	1.53	5.87	0.09	1.5 mg/dl	-0.33	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	255	2.03	5.07	0.10	1.8 mg/dl	-2.23	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	267	4.66	4.70	0.22	4.9 g/dl	1.10	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	257	3.07	4.14	0.13	3.36 g/dl	2.28	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	437	8.60	10.22	0.88	8.16 mg/dl	-0.50	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	201	3.90	4.18	0.16	4.5 mg/dl	3.68	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	256	4.58	3.75	0.17	4 mg/dl	-3.37	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	103.25	4.06	4.19	107 mg/dl	0.90	0.51
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	141.86	4.35	6.17	149.3 mg/dl	1.21	0.78
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	238	21.44	4.83	1.03	22.4 mg/dl	0.93	0.13
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	394	139.59	3.46	4.83	140 mmol/L	0.08	0.49
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	395	2.98	5.77	0.17	3 mmol/L	0.12	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	302	103.53	4.08	4.22	104 mmol/L	0.11	0.49
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	33	20.84	12.67	2.64	23.3 mmol/L	0.93	0.92
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	100	55.79	8.34	4.65	62.1 U/L	1.36	0.93
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	92	56.75	13.07	7.42	66.1 U/L	1.26	1.55
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	253	75.22	8.84	6.65	65.2 U/L	-1.51	0.84

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 *****



A3 HORMONE LAB
(A UNIT OF DIAPLUS CLINIC)

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab,
EQA Programme Name : cmc EQAS chemistry - I
Cycle / Sample No. :
Month and year : January - 2021
Nature of Nonconformance : phosphorous SDI 3.68 out of limit.

Root Cause : Found to be water TDS issue and service done RO plant and calibrated above phosphorous and TDS found to be within acceptable limit.

Corrective and Preventive action taken: daily monitoring TDS of water conductivity, to prevent repeat issues. observe next sample.
Done By: ms. Jayam. Approved By: [Signature]

Review during the next EQAS / Effectiveness of Corrective Action:

Done By:

Approved By:

LAB MONTHLY SUMMARY



Lab Name A3 HORMONE LAB

Lab No 14271

Month February

Year 2021

Constituent Group Chemistry I



Date of Result Entered : 18/02/2021

Date of Report Published : 06/03/2021

Sl. No.	Parameter	Method	Analyzer	No. of participants	1st	2nd	3rd	Mean Value	SD	CV
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	270	261.85	3.84	10.06	260.3 mg/dl	-0.15	1.22
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	43.35	5.85	2.53	41 mg/dl	-0.93	0.30
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	1.80	6.50	0.12	1.4 mg/dl	-3.42	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	267	3.40	4.65	0.16	3.4 mg/dl	0.00	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	274	4.78	5.44	0.26	0.2 g/dl	-17.62	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	266	3.14	3.44	0.11	3.3 g/dl	1.48	0.01
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	440	10.35	8.59	0.89	10.5 mg/dl	0.17	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	206	5.29	3.17	0.17	5.3 mg/dl	0.06	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	263	8.27	4.46	0.37	7.3 mg/dl	-2.63	0.05
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	104.68	3.59	3.76	103.6 mg/dl	-0.29	0.45
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	253	101.08	5.55	5.61	94.4 mg/dl	-1.19	0.71
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	246	20.51	4.89	1.00	20.3 mg/dl	-0.21	0.13
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	484	135.87	3.17	4.30	134 mmol/L	-0.43	0.39
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	484	4.50	5.83	0.26	4.6 mmol/L	0.38	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	374	102.10	4.07	4.15	100 mmol/L	-0.51	0.43
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	35	18.30	15.67	2.87	22.3 mmol/L	1.39	0.97
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	102	82.50	9.44	7.78	92.5 U/L	1.28	1.54
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	91	97.29	10.40	10.12	92 U/L	-0.52	2.12
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	270	81.35	8.04	6.54	79.8 U/L	-0.24	0.80

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 *****

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab
EQA Programme Name : CMC EQAS Chemistry - I
Cycle / Sample No. :
Month and year : February - 2021
Nature of Nonconformance : Total protein value found to be too high. wrongly typed D. Bilirubin value 0.2.

Root Cause : Instructed to verify typing results need back policy and ensure cross verification instrument print.

Corrective and Preventive action taken:

to be monitor next sample and take necessary steps.

Done By: Jayam.


Approved By:

Review during the next EQAS / Effectiveness of Corrective Action:

Date:

Approved By:

LAB MONTHLY SUMMARY



Lab Name **A3 HORMONE LAB**
 Month **March**
 Constituent Group **Chemistry I**

Lab No **14271**
 Year **2021**



Date of Result Entered : 19/03/2021

Date of Report Published : 01/04/2021

Sl. No.	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	277	172.03	3.90	6.71	182.9 mg/dl	1.62	0.81
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	120.99	5.31	6.42	118.9 mg/dl	-0.33	0.75
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	233	6.24	4.86	0.30	5.4 mg/dl	-2.77	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	2.60	5.46	0.14	2.7 mg/dl	0.70	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	4.90	4.72	0.23	4.9 g/dl	0.00	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	267	3.19	4.41	0.14	3.4 g/dl	1.49	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	485	11.10	9.81	1.09	12 mg/dl	0.83	0.10
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	205	3.41	4.49	0.15	3.6 mg/dl	1.24	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	273	6.23	4.51	0.28	5.3 mg/dl	-3.31	0.03
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	291	109.14	4.11	4.49	113.1 mg/dl	0.88	0.53
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	258	181.57	4.11	7.46	180.7 mg/dl	-0.12	0.93
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	255	19.93	5.72	1.14	17.9 mg/dl	-1.78	0.14
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	524	131.85	3.71	4.89	132 mmol/L	0.03	0.43
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	520	3.89	4.75	0.18	4.1 mmol/L	1.14	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	406	101.59	4.14	4.20	104 mmol/L	0.57	0.42
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	35	16.04	18.02	2.89	22 mmol/L	2.06	0.98
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	106	161.69	7.42	11.99	182.9 U/L	1.77	2.33
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	92	88.38	8.51	7.52	98 U/L	1.28	1.57
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	196.74	7.29	14.33	195 U/L	-0.12	1.82

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 A3 HORMONE LAB
 Month April
 Constituent Group Chemistry I

Lab No 14271
 Year 2021



Date of Result Entered : 20/04/2021

Date of Report Published : 01/05/2021

Sl. No.	Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	J
					CV	SD			
1	GLUCOSE	Hexokinase	274	150.81	4.09	6.17	156.6 mg/dl	0.94	0.75
2	UREA	Urease UV / GLDH	287	58.65	6.48	3.80	57.4 mg/dl	-0.33	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	235	2.82	4.72	0.13	2.4 mg/dl	-3.16	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendressik	270	2.28	5.34	0.12	1.7 mg/dl	-4.75	0.01
5	T-PROTEIN	Biuret - Colorimetric	278	4.84	4.98	0.24	4.8 g/dl	-0.17	0.03
6	ALBUMIN	BCG - colorimetric	266	3.18	4.56	0.14	3.4 g/dl	1.52	0.02
7	CALCIUM	Arsenazo III	479	10.70	8.52	0.91	11.25 mg/dl	0.60	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	209	8.37	3.43	0.29	9.03 mg/dl	2.30	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	270	5.78	4.45	0.26	5.5 mg/dl	-1.09	0.03
10	CHOLESTEROL	CHOD-PAP	286	112.17	4.34	4.87	117.2 mg/dl	1.03	0.58
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	255	142.65	4.53	6.46	134.6 mg/dl	-1.25	0.81
12	HDL CHO	Direct method / Enzymatic colorimetric	251	21.36	5.17	1.10	21.4 mg/dl	0.04	0.14
13	AST	UV kinetic with PLP (P-5-P)	99	45.18	9.53	4.30	52 U/L	1.58	0.87
14	ALT	UV kinetic with PLP (P-5-P)	82	227.67	7.39	16.83	230.5 U/L	0.17	3.72
15	ALP	PNP AMP kinetic	268	128.02	7.20	9.22	141.7 U/L	1.48	1.13

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 *****

A3 HORMONE LAB
(A UNIT OF DIAPLUS CLINIC)

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab
EQA Programme Name : CME EQAS - Chemistry - D
Cycle / Sample No. :
Month and year : April - 2021
Nature of Nonconformance : creatinine and Magnesium found to be lower size.

Root Cause : Systematic error, Tac within the range.

Corrective and Preventive action taken: calibration done with Tac within the acceptable limit.

Done By: *Jayam*

[Signature]
Approved By:

Review during the next EQAS / Effectiveness of Corrective Action:

Done By:

Approved By:

**A3 HORMONE LAB
(A UNIT OF DIAPLUS CLINIC)**

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab
 EQA Programme Name : cmc EQAS - chemistry-D
 Cycle / Sample No. :
 Month and year : march - 2021
 Nature of Nonconformance : uric acid found to be -3.31 SD.

Root Cause : systematic error.
 calibration done via and IAC
 Biorad values obtained within
 1SD.

Corrective and Preventive action taken:
 to insured IAC within the
 1SD range to maintain LT westward
 rules. prevent outlayer. to be monitor
 next sample. for the same.

Done By: Jayam. Approved By: [Signature]

Review during the next EQAS / Effectiveness of Corrective Action:

Done By: Approved By:

LAB MONTHLY SUMMARY



Lab Name A3 HORMONE LAB

Lab No 14271

Month May

Year 2021

Constituent Group Chemistry I



Date of Result Entered : 25/05/2021

Date of Report Published : 05/06/2021

Sl. No.	Patient / Sample Name	Analyzer Name	No. of Participants	UV	Participants		Your Value	SDI	U	
					CV	SD				
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	267	213.01	4.41	9.40	221 mg/dl	0.85	1.15
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	75.67	5.54	4.20	73.3 mg/dl	-0.56	0.50
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	3.32	5.15	0.17	3 mg/dl	-1.87	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	265	2.38	4.95	0.12	2.5 mg/dl	1.02	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	270	4.77	4.32	0.21	4.6 g/dl	-0.83	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	265	3.09	4.76	0.15	3.1 g/dl	0.07	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	458	9.91	8.25	0.82	9.9 mg/dl	-0.01	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	212	3.11	4.47	0.14	3.36 mg/dl	1.80	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	4.35	4.48	0.20	3.1 mg/dl	-6.41	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	279	106.08	4.68	4.97	105.6 mg/dl	-0.10	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	260	158.28	4.55	7.20	15.67 mg/dl	-19.81	0.89
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	255	21.61	4.85	1.05	22.1 mg/dl	0.47	0.13
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	529	138.84	3.34	4.64	139 mmol/L	0.03	0.40
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	543	4.02	5.99	0.24	4.2 mmol/L	0.75	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	411	104.52	4.45	4.65	110 mmol/L	1.18	0.46
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	36	19.58	18.88	3.70	23.1 mmol/L	0.95	1.23
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	89	59.12	8.00	4.73	68.5 U/L	1.98	1.00
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	81	90.83	12.91	11.73	107 U/L	1.38	2.61
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	258	489.14	8.44	41.28	549.4 U/L	1.46	5.14

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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Pamela Christudoss

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

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

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab
 EQA Programme Name : CMC EQAS - Chemistry - I
 Cycle / Sample No. :
 Month and year : May - 2021
 Nature of Nonconformance : TCU2 - value less, UA -6.41 SPI

Root Cause : TCU2 - typing error entered 156.7 to 15.67. UA IAC within the range. calibration frequency updated to avoid systemic error.

Corrective and Preventive action taken:

to be monitor, next sample note UA, TCU2 to take necessary steps.

Done By: Jayam.


Approved By:

Review during the next EQAS / Effectiveness of Corrective Action:

Done By:

Approved By:

LAB MONTHLY SUMMARY



Lab Name **A3 HORMONE LAB**
 Month **June**
 Constituent Group **Chemistry I**

Lab No **14271**
 Year **2021**



Date of Result Entered : 21/06/2021

Date of Report Published : 03/07/2021

Sl. No.	Test Name	Principle Name	Analyzer Name	No. of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	416.78	3.53	14.71	403 mg/dl	-0.94	1.74
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	297	22.35	7.20	1.61	20 mg/dl	-1.46	0.19
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	244	5.41	4.68	0.25	5.2 mg/dl	-0.83	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	0.99	6.56	0.06	1 mg/dl	0.15	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	4.03	4.49	0.18	3.7 g/dl	-1.82	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	270	2.60	5.11	0.13	2.6 g/dl	0.00	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	490	9.12	9.01	0.82	8.9 mg/dl	-0.27	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	216	2.93	4.13	0.12	5.2 mg/dl	18.76	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	278	3.04	3.35	0.10	2 mg/dl	-10.20	0.01
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	297	90.99	4.69	4.27	94.1 mg/dl	0.73	0.50
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	267	85.66	5.25	4.50	84.3 mg/dl	-0.30	0.55
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	260	18.76	5.88	1.10	19.1 mg/dl	0.31	0.14
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	558	119.11	4.35	5.18	116 mmol/L	-0.60	0.44
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	559	2.81	5.91	0.17	2.8 mmol/L	-0.06	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	426	87.50	6.50	5.68	84 mmol/L	-0.62	0.55
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	36	18.69	16.64	3.11	20 mmol/L	0.42	1.04
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	100	26.87	10.20	2.74	27 U/L	0.05	0.55
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	83	249.59	13.61	33.97	247 U/L	-0.08	7.46
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	275	95.15	8.37	7.97	87 U/L	-1.02	0.96

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 *******

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab
EQA Programme Name : CMC EQAS - chemistry - I
Cycle / Sample No. : -
Month and year : June - 2021
Nature of Nonconformance : phosphorous SPJ 18.76 range.

Root Cause : Found to be water conductivity issues and done service re plant.

Corrective and Preventive action taken: After service recalibration and SAC found to be within normal range. Daily monitor TDS of water to be recorded.

Done By: Jayam.

Approved By: *Amrdeep*

Review during the next EQAS / Effectiveness of Corrective Action:

Done By:

Approved By:

LAB MONTHLY SUMMARY



Lab Name A3 HORMONE LAB
 Month July
 Constituent Group Chemistry I

Lab No 14271
 Year 2021



Date of Result Entered : 20/07/2021

Date of Report Published : 02/08/2021

Sl. No.	Test Name	General Principle Name	Analyzer Name	No. of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	100.02	4.77	4.78	101.7 mg/dl	0.35	0.56
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	138.31	5.49	7.59	142.07 mg/dl	0.50	0.87
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	8.21	4.93	0.40	8.8 mg/dl	1.46	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	5.44	4.80	0.26	3.9 mg/dl	-5.92	0.03
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	4.68	4.79	0.22	4.8 g/dl	0.54	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	3.13	4.38	0.14	3.28 g/dl	1.09	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	476	10.29	7.90	0.81	10.5 mg/dl	0.26	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	220	6.56	3.78	0.25	6.7 mg/dl	0.56	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	9.04	4.82	0.44	9.4 mg/dl	0.83	0.05
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	101.94	4.46	4.55	104.3 mg/dl	0.52	0.52
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	233.89	3.77	8.82	229.6 mg/dl	-0.49	1.07
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	21.51	5.17	1.11	22 mg/dl	0.44	0.13
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	579	142.97	3.40	4.87	147 mmol/L	0.83	0.40
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	580	3.56	5.79	0.21	3.8 mmol/L	1.16	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	455	102.25	4.39	4.49	102 mmol/L	-0.06	0.42
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	36	25.04	7.21	1.81	25 mmol/L	-0.02	0.60
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	110	108.16	13.93	15.07	111.7 U/L	0.23	2.87
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	79	34.47	19.32	6.66	35.5 U/L	0.15	1.50
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	281	140.96	8.93	12.59	144.5 U/L	0.28	1.50

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.

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 *****



A3 HORMONE LAB
(A UNIT OF DIAPLUS CLINIC)

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab.
EQA Programme Name : CMC EQAS - chemistry - P
Cycle / Sample No. :
Month and year : July - 2021
Nature of Nonconformance : T. Ascorbin 301 -5.92.

Root Cause : Calibration done and runned IEC
Riorad found to be normal range.

Corrective and Preventive action taken: calibration scheduled as per
kit insert recommendation to avoid
lower size value of IEC.
Review next sample.
Done By: Jayam Approved By: [Signature]

Review during the next EQAS / Effectiveness of Corrective Action:

Done By:

Approved By:

LAB MONTHLY SUMMARY



Lab Name A3 HORMONE LAB
 Month August
 Constituent Group Chemistry I

Lab No 14271
 Year 2021



Date of Result Entered : 20/08/2021

Date of Report Published : 01/09/2021

Sl. No.	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	262	212.31	4.00	8.50	227.4 mg/dl	1.78	1.05
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	75.75	5.29	4.01	77.6 mg/dl	0.46	0.47
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	233	3.31	4.93	0.16	3.3 mg/dl	-0.06	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	2.37	5.73	0.14	2.5 mg/dl	0.96	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	279	4.75	4.47	0.21	5.2 g/dl	2.12	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	270	3.09	4.72	0.15	3.4 g/dl	2.12	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	455	9.86	8.53	0.84	9.8 mg/dl	-0.07	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	206	3.10	4.61	0.14	3.41 mg/dl	2.17	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	266	4.34	4.36	0.19	4 mg/dl	-1.80	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	105.61	3.94	4.16	116.5 mg/dl	2.62	0.49
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	257	158.59	4.02	6.38	171.2 mg/dl	1.98	0.80
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	244	21.60	5.62	1.22	23.8 mg/dl	1.81	0.16
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	561	138.42	3.00	4.16	147 mmol/L	2.06	0.35
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	560	4.02	5.08	0.20	4.4 mmol/L	1.86	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	435	104.23	4.22	4.40	112 mmol/L	1.77	0.42
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	30	20.02	15.83	3.17	24.5 mmol/L	1.41	1.16
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	100	58.46	11.11	6.50	70 U/L	1.78	1.30
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	93	91.59	13.13	12.03	119 U/L	2.28	2.49
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	265	494.94	8.69	43.02	458 U/L	-0.86	5.29

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 A3 HORMONE LAB
 Month September
 Constituent Group Chemistry I

Lab No 14271
 Year 2021



Date of Result Entered : 19/09/2021

Date of Report Published : 05/10/2021

Sl. No.	Analyte	Principle	Analyser Name	No. of Participants	DV	Participants		Yrly Value	SDI	SD
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	291	78.63	4.31	3.39	79.3 mg/dl	0.20	0.40
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	93.39	5.81	5.42	97.6 mg/dl	0.78	0.62
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	247	7.64	4.33	0.33	7.8 mg/dl	0.48	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	1.52	6.46	0.10	1.5 mg/dl	-0.20	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	4.98	3.45	0.17	5.2 g/dl	1.28	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	3.27	3.94	0.13	3.4 g/dl	1.01	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	504	8.67	9.82	0.85	8.6 mg/dl	-0.08	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	219	2.80	5.25	0.15	2.78 mg/dl	-0.14	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	7.70	4.12	0.32	6.1 mg/dl	-5.05	0.04
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	304	109.64	3.77	4.13	102.6 mg/dl	-1.70	0.47
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	273	258.56	3.61	9.34	255.6 mg/dl	-0.32	1.13
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	264	22.79	5.06	1.15	22.5 mg/dl	-0.25	0.14
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	605	127.77	3.62	4.62	120 mmol/L	-1.68	0.38
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	608	5.30	5.64	0.30	5.5 mmol/L	0.67	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	472	103.50	4.05	4.19	106 mmol/L	0.60	0.39
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	27	11.85	18.13	2.15	20 mmol/L	3.79	0.83
17	AST	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	100	83.79	6.96	5.83	91 U/L	1.24	1.17
18	ALT	UV kinetic with PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	99	270.46	7.02	18.99	274 U/L	0.19	3.82
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	182.13	7.84	14.28	192 U/L	0.69	1.68

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 *****

A3 HORMONE LAB
(A UNIT OF DIAPLUS CLINIC)

EQA CORRECTIVE ACTION FORM

Name of the department : A3 Hormone Lab.
 EQA Programme Name : CMC EQAS - Chemistry - D
 Cycle / Sample No. :
 Month and year : September - 2021
 Nature of Nonconformance : UA and Bicarbonate found to be SPI out of limit.

Root Cause : Ice found to be normal and again calibration done both parameters with Ice normal ranges obtained the value.

Corrective and Preventive action taken:

Informed respective application specialist to be additional protocol included for kit stability.

Done By: Jayam.

Approved By: *Chudyal*

Review during the next EQAS / Effectiveness of Corrective Action:

Done By:

Approved By: