

# NATIONAL X-RAY'S, ECG AND CLINICAL LABORATORY

CLINICAL LABORATORY

## EQA CORRECTIVE ACTION FORM

Name of the department : BIOCHEMISTRY

EQA Programme Name :

Cycle / Sample No. : 9

Month and year : Sep - 2020

Nature of Nonconformance :

EQAS - TRI - SDI - HIGH

Root Cause :

Random error  
Triglyceride found to high SDI.

Corrective and Preventive action taken:

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

Done By:

*[Signature]* 9/11/20

Approved By:

*[Signature]*  
Lab Director

Review during the next EQAS / Effectiveness of Corrective Action:

Next, October month EQAS should be monitored accordingly.

Done By:

Approved By:



## LAB MONTHLY SUMMARY

Lab Name **NATIONAL X-RAYS ECG AND CLINICAL LABORATORY** Lab No **9577**  
 Month **August** Year **2020**  
 Constituent Group **Chemistry II**

Date of Result Entered : 16/08/2020

Date of Report Published : 10/09/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE I	GOD-POD	Mindray	114	112.14	10.01	11.22	130 mg/dl	1.59	2.10
2	UREA I	UREASE UV / GLDH	Mindray	95	75.75	9.79	7.41	81 mg/dl	0.71	1.52
3	CREATININE I	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Mindray	73	8.78	10.31	0.90	8.9 mg/dl	0.13	0.21
4	T.BILIRUBIN I	DIAZONIUM SALT ( Colorimetric) /JENDRASSIK	Mindray	63	5.97	9.44	0.56	6.1 mg/dl	0.23	0.14
5	T-PROTEIN I	BIURET - colorimetric	Mindray	94	5.30	8.26	0.44	6.3 g/dl	2.28	0.09
6	ALBUMIN I	BCG - colorimetric	Mindray	93	3.23	8.39	0.27	3.2 g/dl	-0.11	0.06
7	URIC ACID I	ENZYMATIC / URICASE Colorimetric	Mindray	83	5.59	12.69	0.71	7 mg/dl	1.99	0.16
8	CHOLESTEROL I	CHOD-PAP	Mindray	96	108.55	9.29	10.08	135 mg/dl	2.62	2.06
9	TRIGLYCERIDE I	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	96	276.33	11.02	30.44	221 mg/dl	-1.82	6.21

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

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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



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

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

## LAB MONTHLY SUMMARY

Lab Name **NATIONAL X-RAYS ECG AND CLINICAL LABORATORY** Lab No **9577**  
 Month **July** Year **2020**  
 Constituent **Chemistry II**  
 Group

Date of Result Entered : 20/07/2020

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 I	GOD-POD	Mindray	112	380.25	11.62	44.20	380 mg/dl	-0.01	8.35
2	UREA I	UREASE UV / GLDH	Mindray	98	93.04	11.08	10.31	110 mg/dl	1.64	2.08
3	CREATININE I	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Mindray	73	0.92	16.94	0.16	0.91 mg/dl	-0.06	0.04
4	T.BILIRUBIN I	DIAZONIUM SALT ( Colorimetric) /JENDRASSIK	Mindray	73	4.08	14.15	0.58	4 mg/dl	-0.14	0.14
5	T-PROTEIN I	BIURET - colorimetric	Mindray	92	5.37	7.40	0.40	6.1 g/dl	1.84	0.08
6	ALBUMIN I	BCG - colorimetric	Mindray	94	3.27	9.12	0.30	3.2 g/dl	-0.23	0.06
7	URIC ACID I	ENZYMATIC / URICASE Colorimetric	Mindray	90	7.42	11.61	0.86	8 mg/dl	0.67	0.18
8	CHOLESTEROL I	CHOD-PAP	Mindray	102	106.08	10.89	11.55	130 mg/dl	2.07	2.29
9	TRIGLYCERIDE I	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	101	216.84	12.23	26.53	170 mg/dl	-1.77	5.28

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

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

## LAB MONTHLY SUMMARY

Lab Name **NATIONAL X-RAYS ECG AND CLINICAL LABORATORY** Lab No **9577**  
 Month **June** Year **2020**  
 Constituent **Chemistry II**  
 Group

Date of Result Entered : 28/06/2020

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 I	GOD-POD	Mindray	113	80.48	9.61	7.73	91 mg/dl	1.36	1.46
2	UREA I	UREASE UV / GLDH	Mindray	99	51.79	9.59	4.96	58 mg/dl	1.25	1.00
3	CREATININE I	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Mindray	80	3.44	12.16	0.42	3.9 mg/dl	1.10	0.09
4	T.BILIRUBIN I	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Mindray	77	5.35	15.08	0.81	5.7 mg/dl	0.43	0.18
5	T-PROTEIN I	BIURET - colorimetric	Mindray	87	4.82	8.84	0.43	5.2 g/dl	0.89	0.09
6	ALBUMIN I	BCG - colorimetric	Mindray	79	2.97	9.13	0.27	2.6 g/dl	-1.37	0.06
7	URIC ACID I	ENZYMATIC / URICASE Colorimetric	Mindray	86	4.30	18.87	0.81	5.8 mg/dl	1.85	0.17
8	CHOLESTEROL I	CHOD-PAP	Mindray	104	96.86	12.30	11.92	113 mg/dl	1.35	2.34
9	TRIGLYCERIDE I	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	98	88.22	16.90	14.91	95 mg/dl	0.45	3.01

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

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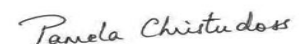
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## LAB MONTHLY SUMMARY

Lab Name **NATIONAL X-RAYS ECG AND CLINICAL LABORATORY** Lab No **9577**  
 Month **May** Year **2020**  
 Constituent **Chemistry II**  
 Group

Date of Result Entered : 28/06/2020

Date of Report Published : 04/08/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE I	GOD-POD	Mindray	104	106.28	10.92	11.61	119 mg/dl	1.10	2.28
2	CREATININE I	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Mindray	71	4.52	12.26	0.55	5.1 mg/dl	1.05	0.13
3	T.BILIRUBIN I	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Mindray	65	2.71	13.19	0.36	2.5 mg/dl	-0.59	0.09
4	T-PROTEIN I	BIURET - colorimetric	Mindray	77	5.21	8.59	0.45	5.5 g/dl	0.65	0.10
5	ALBUMIN I	BCG - colorimetric	Mindray	81	3.28	9.03	0.30	3.4 g/dl	0.41	0.07
6	URIC ACID I	ENZYMATIC / URICASE Colorimetric	Mindray	87	6.29	13.42	0.84	8.3 mg/dl	2.38	0.18
7	CHOLESTEROL I	CHOD-PAP	Mindray	94	108.35	8.80	9.53	115 mg/dl	0.70	1.97
8	TRIGLYCERIDE I	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	80	238.99	10.44	24.94	185 mg/dl	-2.16	5.58

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.

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## LAB MONTHLY SUMMARY

Lab Name **NATIONAL X-RAYS ECG AND CLINICAL LABORATORY** Lab No **9577**  
 Month **October** Year **2020**  
 Constituent **Chemistry II**  
 Group

Date of Result Entered : 20/10/2020

Date of Report Published : 09/11/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE I	GOD-POD	Mindray	132	171.06	9.54	16.32	171 mg/dl	0.00	2.84
2	UREA I	UREASE UV / GLDH	Mindray	117	109.77	13.39	14.70	88 mg/dl	-1.48	2.72
3	CREATININE I	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Mindray	89	4.62	13.35	0.62	4.5 mg/dl	-0.19	0.13
4	T.BILIRUBIN I	DIAZONIUM SALT ( Colorimetric ) /JENDRASSIK	Mindray	84	3.65	10.21	0.37	3.7 mg/dl	0.13	0.08
5	T-PROTEIN I	BIURET - colorimetric	Mindray	100	5.00	11.76	0.59	5.5 g/dl	0.85	0.12
6	ALBUMIN I	BCG - colorimetric	Mindray	101	3.05	8.82	0.27	3 g/dl	-0.19	0.05
7	URIC ACID I	ENZYMATIC / URICASE Colorimetric	Mindray	91	4.26	19.82	0.84	5.7 mg/dl	1.70	0.18
8	CHOLESTEROL I	CHOD-PAP	Mindray	117	99.97	10.01	10.01	117 mg/dl	1.70	1.85
9	TRIGLYCERIDE I	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	108	189.54	12.58	23.84	170 mg/dl	-0.82	4.59

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

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## LAB MONTHLY SUMMARY

Lab Name **NATIONAL X-RAYS ECG AND CLINICAL LABORATORY** Lab No **9577**  
 Month **September** Year **2020**  
 Constituent Group **Chemistry II**

Date of Result Entered : 18/09/2020

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 I	GOD-POD	Mindray	118	229.02	9.30	21.31	252 mg/dl	1.08	3.92
2	UREA I	UREASE UV / GLDH	Mindray	102	131.10	12.12	15.89	126 mg/dl	-0.32	3.15
3	CREATININE I	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Mindray	84	1.38	11.75	0.16	1.8 mg/dl	2.59	0.04
4	T.BILIRUBIN I	DIAZONIUM SALT ( Colorimetric) /JENDRASSIK	Mindray	74	5.08	12.07	0.61	4.3 mg/dl	-1.27	0.14
5	T-PROTEIN I	BIURET - colorimetric	Mindray	97	5.32	8.77	0.47	6.3 g/dl	2.10	0.09
6	ALBUMIN I	BCG - colorimetric	Mindray	93	3.24	8.42	0.27	3.2 g/dl	-0.15	0.06
7	URIC ACID I	ENZYMATIC / URICASE Colorimetric	Mindray	95	7.00	12.28	0.86	8.1 mg/dl	1.28	0.18
8	CHOLESTEROL I	CHOD-PAP	Mindray	109	107.92	9.86	10.64	126 mg/dl	1.70	2.04
9	TRIGLYCERIDE I	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	99	96.47	12.92	12.47	162 mg/dl	5.26	2.51

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

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