


IMPULSE DIAGNOSTICS
DEPARTMENT OF LABORATORY SERVICES.

(EQAS) and CV % (Biochemistry)

S.no	Date	Nature of Problem	Root cause Analysis and Corrective Preventive Action Taken	Date of closure	Signature
5.	05/08/2021	EQAS OUTLIER GLUCOSE	We have done the machine maintain checked all parameter in machine, Distilled water change probe changed and again all the parameter are Recalibration, check the reagent, and incubation Check expiration date of kit or control .do not use beyond stated expiration date check temperature records for storage band testing area. Control was run again. Value came within range.	05/08/2021	


PREPARED BY

APPROVED BY


LAB MONTHLY SUMMARY



Lab Name **IMPULSE DIAGNOSTICS** Lab No **14869**
 Month **October** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 07/10/2021

Date of Report Published : 01/11/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Siemens (Advia Series / Dimension Series)	83	319.47	4.73	15.10	285 mg/dl	-2.28	3.31
2	UREA	Urease UV / GLDH	Siemens (Advia Series / Dimension Series)	106	43.69	6.61	2.89	47 mg/dl	1.15	0.56
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens (Advia Series / Dimension Series)	97	1.19	7.81	0.09	1.27 mg/dl	0.86	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Siemens (Advia Series / Dimension Series)	104	6.73	4.64	0.31	6.7 mg/dl	-0.10	0.06
5	T-PROTEIN	Biuret - Colorimetric	Siemens (Advia Series / Dimension Series)	109	5.00	3.46	0.17	4.8 g/dl	-1.16	0.03
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Siemens (Advia Series / Dimension Series)	89	3.02	5.60	0.17	3 g/dl	-0.12	0.04
7	CALCIUM	OCPC (O - Cresolphthalein Compleazone)	Siemens (Advia Series / Dimension Series)	62	9.21	5.34	0.49	8.9 mg/dl	-0.63	0.12
8	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens (Advia Series / Dimension Series)	101	5.19	4.33	0.22	4.9 mg/dl	-1.29	0.04
9	CHOLESTEROL	CHOD-PAP	Siemens (Advia Series / Dimension Series)	103	82.19	7.09	5.83	79 mg/dl	-0.55	1.15
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens (Advia Series / Dimension Series)	103	99.27	6.16	6.12	95 mg/dl	-0.70	1.21
11	HDL CHO	Direct method / Enzymatic colorimetric	Siemens (Advia Series / Dimension Series)	95	26.24	6.31	1.66	28 mg/dl	1.06	0.34
12	AST	UV kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	99	264.22	5.57	14.70	239 U/L	-1.72	2.96
13	ALT	UV kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	93	88.65	8.63	7.65	69 U/L	-2.57	1.59
14	ALP	PNP AMP kinetic	Siemens (Advia Series / Dimension Series)	101	88.33	8.67	7.66	74 U/L	-1.87	1.52
15	AMYLASE	CNPG3	Siemens (Advia Series / Dimension Series)	50	126.83	3.74	4.74	119 U/L	-1.65	1.34
16	IRON	Ferrene (No Protein Removal)	Siemens (Advia Series / Dimension Series)	25	180.85	4.49	8.12	174 ug/dl	-0.84	3.25

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.

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 **IMPULSE DIAGNOSTICS** Lab No **14869**
 Month **November** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 15/11/2021

Date of Report Published : 03/12/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Siemens (Advia Series / Dimension Series)	87	144.77	5.03	7.28	129 mg/dl	-2.17	1.56
2	UREA	Urease UV / GLDH	Siemens (Advia Series / Dimension Series)	103	177.34	6.29	11.15	175 mg/dl	-0.21	2.20
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens (Advia Series / Dimension Series)	97	3.82	5.10	0.20	3.89 mg/dl	0.36	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Siemens (Advia Series / Dimension Series)	106	3.75	4.82	0.18	3.7 mg/dl	-0.28	0.04
5	T-PROTEIN	Biuret - Colorimetric	Siemens (Advia Series / Dimension Series)	109	4.57	4.64	0.21	4.5 g/dl	-0.33	0.04
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Siemens (Advia Series / Dimension Series)	89	2.76	5.98	0.16	2.7 g/dl	-0.36	0.04
7	CALCIUM	OCPC (O - Cresolphthalein Compleazone)	Siemens (Advia Series / Dimension Series)	64	8.99	6.54	0.59	9.3 mg/dl	0.53	0.15
8	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens (Advia Series / Dimension Series)	101	3.56	4.49	0.16	3.3 mg/dl	-1.62	0.03
9	CHOLESTEROL	CHOD-PAP	Siemens (Advia Series / Dimension Series)	101	78.22	7.79	6.09	72 mg/dl	-1.02	1.21
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens (Advia Series / Dimension Series)	103	129.97	6.46	8.40	124 mg/dl	-0.71	1.65
11	HDL CHO	Direct method / Enzymatic colorimetric	Siemens (Advia Series / Dimension Series)	97	24.07	6.65	1.60	25 mg/dl	0.58	0.33
12	AST	UV kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	101	74.19	8.30	6.16	67 U/L	-1.17	1.23
13	ALT	UV kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	93	140.54	9.60	13.49	110 U/L	-2.26	2.80
14	ALP	PNP AMP kinetic	Siemens (Advia Series / Dimension Series)	98	238.08	8.34	19.85	196 U/L	-2.12	4.01
15	AMYLASE	CNPG3	Siemens (Advia Series / Dimension Series)	63	111.96	5.58	6.25	104 U/L	-1.27	1.57
16	IRON	Ferrene (No Protein Removal)	Siemens (Advia Series / Dimension Series)	25	92.29	4.40	4.06	92 ug/dl	-0.07	1.62

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.

Homogeneity and Stability of the sample is passed.

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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 **IMPULSE DIAGNOSTICS** Lab No **14869**
 Month **December** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 03/12/2021

Date of Report Published : 03/01/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Siemens (Advia Series / Dimension Series)	86	186.26	3.53	6.57	166 mg/dl	-3.09	1.42
2	UREA	Urease UV / GLDH	Siemens (Advia Series / Dimension Series)	108	89.78	5.81	5.21	88 mg/dl	-0.34	1.00
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens (Advia Series / Dimension Series)	96	7.33	3.89	0.28	7.14 mg/dl	-0.67	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Siemens (Advia Series / Dimension Series)	105	2.41	4.78	0.12	2.4 mg/dl	-0.09	0.02
5	T-PROTEIN	Biuret - Colorimetric	Siemens (Advia Series / Dimension Series)	109	5.07	3.43	0.17	5.1 g/dl	0.17	0.03
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Siemens (Advia Series / Dimension Series)	89	3.05	5.48	0.17	2.9 g/dl	-0.90	0.04
7	CALCIUM	OCPC (O - Cresolphthalein Compleazone)	Siemens (Advia Series / Dimension Series)	60	10.47	5.46	0.57	10.9 mg/dl	0.75	0.15
8	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens (Advia Series / Dimension Series)	100	8.81	3.58	0.32	8.7 mg/dl	-0.35	0.06
9	CHOLESTEROL	CHOD-PAP	Siemens (Advia Series / Dimension Series)	106	88.50	6.50	5.75	83 mg/dl	-0.96	1.12
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens (Advia Series / Dimension Series)	102	204.83	3.89	7.98	192 mg/dl	-1.61	1.58
11	HDL CHO	Direct method / Enzymatic colorimetric	Siemens (Advia Series / Dimension Series)	95	26.50	5.34	1.42	27 mg/dl	0.35	0.29
12	AST	UV kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	99	117.92	6.33	7.46	106 U/L	-1.60	1.50
13	ALT	UV kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	91	66.71	9.89	6.60	51 U/L	-2.38	1.38
14	ALP	PNP AMP kinetic	Siemens (Advia Series / Dimension Series)	95	198.87	7.44	14.79	165 U/L	-2.29	3.04
15	AMYLASE	CNPG3	Siemens (Advia Series / Dimension Series)	63	56.08	5.65	3.17	52 U/L	-1.29	0.80
16	IRON	Ferrene (No Protein Removal)	Siemens (Advia Series / Dimension Series)	26	75.99	6.58	5.00	69 ug/dl	-1.40	1.96

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.

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