

## LAB MONTHLY SUMMARY

Lab Name SHIV DIAGNOSTICS AND MATERNITY CENTRE Lab No 13556  
 Month September Year 2020  
 Constituent Group Chemistry I

Date of Result Entered : 06/09/2020

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	Agape	126	241.26	8.73	21.06	218.34 mg/dl	-1.09	3.75
2	CREATININE	ENZYMATIC COLORIMETRIC	Agape	46	1.40	8.27	0.12	1.35 mg/dl	-0.43	0.03
3	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Agape	85	5.32	10.74	0.57	4.92 mg/dl	-0.70	0.12
4	T-PROTEIN	BIURET - colorimetric	Agape	119	5.38	7.55	0.41	5.67 g/dl	0.71	0.07
5	ALBUMIN	BCG - colorimetric	Agape	119	3.46	7.68	0.27	3.79 g/dl	1.24	0.05
6	CALCIUM	ARSENZO III	Agape	71	11.82	4.25	0.50	12.23 mg/dl	0.82	0.12
7	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Semi Automation ( Staffax / Colorimeter / Spectrophotometer )	14	7.20	7.50	0.54	7.44 mg/dl	0.44	0.29
8	URIC ACID	ENZYMATIC / URICASE Colorimetric	Agape	93	7.21	10.00	0.72	7.29 mg/dl	0.11	0.15
9	CHOLESTEROL	CHOD-PAP	Agape	128	101.30	8.51	8.62	100.65 mg/dl	-0.08	1.52
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	108	87.47	7.81	6.83	90.89 mg/dl	0.50	1.31
11	SODIUM	ISE - Direct	Any Analyser	122	141.22	4.17	5.89	139.8 mmol/L	-0.24	1.07
12	POTASSIUM	ISE - Direct	Any Analyser	124	4.22	6.37	0.27	4.47 mmol/L	0.93	0.05
13	AST	UV-Kinetic without PLP (P-5-P)	Agape	103	243.76	13.00	31.69	240.8 U/L	-0.09	6.25
14	ALT	UV-Kinetic without PLP (P-5-P)	Agape	102	116.31	18.13	21.09	130.9 U/L	0.69	4.18
15	ALP	OTHERS ( Any Other Principles / Methods )	Any Analyser	246	74.88	25.46	19.06	60 U/L	-0.78	2.43
16	AMYLASE	CNPG3	Agape	70	139.53	11.87	16.56	149.4 U/L	0.60	3.96

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.

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Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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*Pamela Christudoss*

Dr. Pamela Christudoss

CMC EQAS Co-Ordinator

Christian Medical College, Vellore

## LAB MONTHLY SUMMARY

LAB MONTHLY

Lab Name SHIV DIAGNOSTICS AND MATERNITY CENTRE Lab No 13556  
 Month September Year 2020  
 Constituent Group Thyroid Hormones & Cortisol

Date of Result Entered : 06/09/2020

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	TOTAL THYROXIN	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	145	6.38	7.66	0.49	6.45 ug/dL	0.14	0.08
2	FREE THYROXIN	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	115	1.10	9.01	0.10	1.09 ng/dL	-0.10	0.02
3	TSH	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	179	2.25	6.67	0.15	2.29 uIU/ml	0.27	0.02
4	TOTAL T3	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	140	73.51	14.09	10.36	70 ng/dL	-0.34	1.75

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

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

## LAB MONTHLY SUMMARY

Lab Name SHIV DIAGNOSTICS AND MATERNITY CENTRE Lab No 13556  
 Month October Year 2020  
 Constituent Chemistry I  
 Group

Date of Result Entered : 10/10/2020

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	GOD-POD	Agape	129	178.60	7.40	13.22	176.6 mg/dl	-0.15	2.33
2	CREATININE	ENZYMATIC COLORIMETRIC	Agape	47	5.07	10.85	0.55	5.14 mg/dl	0.13	0.16
3	T.BILIRUBIN	DIAZONIUM SALT ( Colorimetric) /JENDRASSIK	Agape	102	3.71	14.16	0.52	3.19 mg/dl	-0.99	0.10
4	T-PROTEIN	BIURET - colorimetric	Agape	124	4.93	8.81	0.43	4.6 g/dl	-0.76	0.08
5	ALBUMIN	BCG - colorimetric	Agape	121	3.23	7.16	0.23	2.8 g/dl	-1.86	0.04
6	CALCIUM	ARSENAZO III	Agape	76	9.76	4.98	0.49	9.5 mg/dl	-0.53	0.11
7	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Semi Automation ( Statfax / Colorimeter / Spectrophotometer )	16	5.05	12.72	0.64	5.39 mg/dl	0.53	0.32
8	URIC ACID	ENZYMATIC / URICASE Colorimetric	Agape	99	3.78	12.41	0.47	4.3 mg/dl	1.11	0.09
9	CHOLESTEROL	CHOD-PAP	Agape	133	90.47	10.41	9.42	73.1 mg/dl	-1.84	1.63
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	112	187.95	7.50	14.09	108.8 mg/dl	-5.62	2.66
11	SODIUM	ISE - Direct	Any Analyser	120	129.21	4.23	5.47	127.9 mmol/L	-0.24	1.00
12	POTASSIUM	ISE - Direct	Any Analyser	125	5.55	5.87	0.33	5.66 mmol/L	0.34	0.06
13	AST	UV-Kinetic without PLP (P-5-P)	Agape	109	56.75	13.94	7.91	56.8 U/L	0.01	1.51
14	ALT	UV-Kinetic without PLP (P-5-P)	Agape	86	179.71	19.10	34.33	196.4 U/L	0.49	7.40
15	ALP	OTHERS ( Any Other Principles / Methods )	Any Analyser	149	55.11	22.54	12.42	53.2 U/L	-0.15	2.04
16	AMYLASE	CNPG3	Agape	71	55.83	13.34	7.45	77.3 U/L	2.88	1.77
17	MAGNESIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser	93	1.99	14.49	0.29	2.21 mg/dl	0.76	0.06

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.
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 Constituent Group Thyroid Hormones & Cortisol

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Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	TOTAL THYROXIN	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	143	18.41	10.63	1.96	24.86 ug/dL	3.29	0.33
2	FREE THYROXIN	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	118	5.05	9.53	0.48	4.77 ng/dL	-0.58	0.09
3	TSH	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	168	2.21	8.66	0.19	4.75 uIU/ml	13.37	0.03
4	TOTAL T3	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	130	100.31	9.33	9.36	105 ng/dL	0.50	1.64
5	CORTISOL	ELFA ( Enzyme Linked Fluorescence Assay )	VIDAS	12	20.22	9.76	1.97	20.35 u g/dL	0.07	1.14

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.
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