

LAB MONTHLY SUMMARY

Lab Name **T.B HOSPITAL** Lab No **13543**
 Month **May** Year **2020**
 Constituent Group **Chemistry I**

Date of Result Entered : 24/06/2020

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	GOD-POD	Any Analyser	661	257.23	9.53	24.51	242 mg/dl	-0.62	1.91
2	UREA	UREASE UV / GLDH	Any Analyser	510	116.39	12.01	13.97	120 mg/dl	0.26	1.24
3	CREATININE	JAFFE-END POINT	Any Analyser	245	6.65	11.95	0.80	7.41 mg/dl	0.96	0.10
4	T.BILIRUBIN	EVELYN-MALLOY	Any Analyser	88	1.92	15.97	0.31	1.7 mg/dl	-0.72	0.07
5	T-PROTEIN	BIURET - colorimetric	Any Analyser	593	5.38	10.44	0.56	5 g/dl	-0.68	0.05
6	ALBUMIN	BCG - colorimetric	Any Analyser	569	3.25	9.10	0.30	3.01 g/dl	-0.81	0.02
7	CALCIUM	ARSENAZO III	Any Analyser	458	9.38	9.12	0.86	9.6 mg/dl	0.26	0.08
8	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	546	9.04	12.64	1.14	10.7 mg/dl	1.45	0.10
9	CHOLESTEROL	CHOD-PAP	Any Analyser	575	110.75	9.50	10.52	107 mg/dl	-0.36	0.88
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	560	165.05	12.42	20.51	156 mg/dl	-0.44	1.73
11	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Any Analyser	407	27.46	17.38	4.77	43.3 mg/dl	3.32	0.47
12	SODIUM	ISE - Indirect	Any Analyser	928	135.13	3.38	4.57	147.4 mmol/L	2.69	0.30
13	POTASSIUM	ISE - Indirect	Any Analyser	922	3.45	6.32	0.22	3.75 mmol/L	1.38	0.01
14	CHLORIDE	ISE - Indirect	Any Analyser	680	104.67	4.73	4.95	112.8 mmol/L	1.64	0.38
15	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	515	57.61	16.72	9.63	48 U/L	-1.00	0.85
16	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	423	86.39	19.62	16.94	84 U/L	-0.14	1.65
17	ALP	PNP - (Based on DGKC)	Any Analyser	70	46.06	22.15	10.20	83.5 U/L	--	2.44

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



Dr. Pamela Christudoss

Active DUAL MODE Req /tray buffer 25/26 CHANGE CUVETTE ROTOR 11:58:47 AM 26-Aug-2020 HOST

Evaluate Results

Sample ID	eqas may ca	
Name		
Date of birth	Sex	Male
Physician		
Measurement date	26-Aug-2020 11:48:39 AM	
Sample type	STAT	Normal
Status	READY	1

Test name	Value	Flags
ALP	64.4 IU/l	
HDL CHOLESTEROL	34.6 mg/dl	

Type	Sample ID	Patient name
	153221	
	153212	
	153243	
	153257	
	153246	
	153265	
	153263	
	153268	
	153250	
	153261	
	153281	
	153285	
	153254	
	153221	
	153254	
	153270	
	153283	
	152559	
	153271	
	153275	
S	ELICAL	
	153278	
	153288	
	153252	
	153203	
C	Elitrol 1	
C	ELITROL 2	
E	eqas may ca	
S	HDL LDL CON CAL	
S	cr1 std.	
S	ELICAL	
	153330	
	153323	

F1/Alt+F1 Print/Print with report setup

F2 Blank/Calib Info

F3 Result Handling

Alt + F4/Shift + F4 Measure Again/Rerun

F6 Quality Control

F7 Result Details

F8 Request Samples

F9 Sample Handling

F10 Main Menu

Sodium: As SDI is coming 2.69, parameter is under observation, corrective action will be taken if SDI will come more than ± 2 in next cycle.

→ In June, SDI of sodium is coming 1.28, parameter is performing ok.

→ June EQAS results are also attached in next page.

External Quality Assurance Scheme - Print Monthly Summary

01/09/2020

LAB MONTHLY SUMMARY

Lab Name T.B HOSPITAL
 Month June
 Constituent Group Chemistry I

Lab No 13543
 Year 2020

Date of Result Entered : 25/06/2020

Date of Report Published : 08/08/2020

Sl. No.	Sample	Method / Principle Name	Analyser Name	Participants	CV	CV	SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser	683	81.17	10.69	8.68	71 mg/dl	-1.17	0.66
2	UREA	UREASE UV / GLDH	Any Analyser	490	50.31	9.35	4.70	52 mg/dl	0.36	0.43
3	CREATININE	JAFFE-END POINT	Any Analyser	261	3.56	9.00	0.32	3.54 mg/dl	-0.06	0.04
4	T.BILIRUBIN	EVELYN-MALLOY	Any Analyser	87	5.42	12.29	0.67	4.7 mg/dl	-1.08	0.14
5	T-PROTEIN	BIURET - colorimetric	Any Analyser	611	4.82	9.36	0.45	4.5 g/dl	-0.71	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser	600	2.94	9.35	0.28	2.82 g/dl	-0.44	0.02
7	CALCIUM	ARSENazo III	Any Analyser	460	10.21	7.66	0.78	10.5 mg/dl	0.37	0.07
8	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	540	4.18	17.20	0.72	5.5 mg/dl	1.84	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser	602	93.96	11.10	10.43	97 mg/dl	0.29	0.85
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	524	86.52	15.84	13.71	89 mg/dl	0.18	1.20
11	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Any Analyser	388	23.98	16.96	4.07	35.6 mg/dl	2.86	0.41
12	SODIUM	ISE - Indirect	Any Analyser	947	117.55	4.80	5.65	124.8 mmol/L	1.28	0.37
13	POTASSIUM	ISE - Indirect	Any Analyser	963	5.25	6.49	0.34	5.76 mmol/L	1.50	0.02
14	CHLORIDE	ISE - Indirect	Any Analyser	963	5.25	5.40	4.87	97.2 mmol/L	1.42	0.37
15	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	699	90.26	5.40	4.87	72 U/L	-2.27	1.79
16	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	321	108.34	14.77	16.00	225.8 U/L	-1.02	6.57
17	ALP	PNP - (Based on DGKC)	Any Analyser	265	280.61	19.07	53.50	232.2 U/L	1.82	6.26

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
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