

VIEW LAB MONTHLY SUMMARY

Lab Name CHINMAYI HOSPITAL

Details About Robust Analysis

Lab No 10199

Detail About Monthly Summary

Month October

Detail about SDI

Year 2020

Constituent Group Chemistry I

Click on the analyte to view Graphical Data

All Method Result

Print

Date of Result Entered : 19/10/2020

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	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	253	160.55	4.77	7.66	160 mg/dl	-0.07	0.96
2	UREA	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	249	117.61	4.44	5.22	115.4 mg/dl	-0.42	0.66
3	CREATININE	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	254	4.96	5.00	0.25	5.1 mg/dl	0.56	0.03
4	T.BILIRUBIN	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	252	3.37	6.88	0.23	3.2 mg/dl	-0.73	0.03
5	ALBUMIN	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	258	2.48	5.59	0.14	2.4 g/dl	-0.58	0.02
6	CALCIUM	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	253	9.20	3.59	0.33	8.9 mg/dl	-0.91	0.04
7	URIC ACID	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	245	3.37	4.63	0.16	3.3 mg/dl	-0.45	0.02
8	CHOLESTEROL	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	240	88.05	5.38	4.74	89 mg/dl	0.20	0.61
9	TRIGLYCERIDE	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	235	218.93	5.22	11.42	148 mg/dl	-6.21	1.49
10	HDL CHO	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	225	18.17	6.72	1.22	16 mg/dl	-1.78	0.16
11	SODIUM	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	198	129.08	2.42	3.12	126 mmol/L	-0.99	0.44
12	POTASSIUM	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	197	5.70	2.96	0.17	5.5 mmol/L	-1.18	0.02
13	CHLORIDE	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	162	110.11	2.73	3.01	103 mmol/L	-2.36	0.47
14	AST	Dry Chemistry with PLP (P-5-P)	JOHNSON & JOHNSON DRYCHEM SERIES	248	69.60	6.87	4.78	68 U/L	-0.33	0.61
15	ALT	Dry Chemistry with PLP (P-5-P)	JOHNSON & JOHNSON DRYCHEM SERIES	226	198.12	12.25	24.27	217 U/L	0.78	3.23
16	ALP	DRY CHEMISTRY	JOHNSON &	261	44.88	11.41	5.12	48 U/L	0.61	0.63

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			JOHNSON DRYCHEM SERIES							
17	AMYLASE	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	117	49.97	15.47	7.73	47 U/L	-0.38	1.43

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.

Links

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Pradeep

Pradeep Kumar. Quality Head.

VIEW LAB MONTHLY ALL RESULT SUMMARY

Lab Name CHINMAYI HOSPITAL

Lab No 10199

Month October

Year 2020

Constituent
Group Chemistry I[Back to Search Page](#)[Print](#)

Date of Result Entered : 19/10/2020

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Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	253	160.55	4.77	7.66	160 mg/dl	-0.07	0.96
			FUJI DRYCHEM SERIES	38	165.68	4.28	7.08			2.30
2	UREA		JOHNSON & JOHNSON DRYCHEM SERIES	249	117.61	4.44	5.22	115.4 mg/dl	-0.42	0.66
			FUJI DRYCHEM SERIES	39	120.27	2.40	2.89			0.93
3	CREATININE		JOHNSON & JOHNSON DRYCHEM SERIES	254	4.96	5.00	0.25	5.1 mg/dl	0.56	0.03
			FUJI DRYCHEM SERIES	41	5.29	5.52	0.29			0.09
4	T.BILIRUBIN		JOHNSON & JOHNSON DRYCHEM SERIES	252	3.37	6.88	0.23	3.2 mg/dl	-0.73	0.03
			FUJI DRYCHEM SERIES	43	3.29	5.39	0.18			0.05
5	T-PROTEIN		JOHNSON & JOHNSON DRYCHEM SERIES	257	4.52	5.26	0.24			0.03
			FUJI DRYCHEM SERIES	39	4.61	3.69	0.17			0.05
6	ALBUMIN		JOHNSON & JOHNSON DRYCHEM SERIES	258	2.48	5.59	0.14	2.4 g/dl	-0.58	0.02
			FUJI DRYCHEM SERIES	40	2.79	5.16	0.14			0.05
7	CALCIUM		JOHNSON & JOHNSON DRYCHEM SERIES	253	9.20	3.59	0.33	8.9 mg/dl	-0.91	0.04
			FUJI DRYCHEM SERIES	47	8.61	8.30	0.72			0.21
8	PHOSPHORUS		JOHNSON & JOHNSON DRYCHEM SERIES	208	4.74	5.19	0.25			0.03
			FUJI DRYCHEM SERIES	43	4.73	3.64	0.17			0.05
9	URIC ACID		JOHNSON & JOHNSON DRYCHEM SERIES	245	3.37	4.63	0.16	3.3 mg/dl	-0.45	0.02
			FUJI DRYCHEM SERIES	42	3.75	7.21	0.27			0.08
10	CHOLESTEROL		JOHNSON & JOHNSON	240	88.05	5.38	4.74	89 mg/dl	0.20	0.61

			DRYCHEM SERIES								
			FUJI DRYCHEM SERIES	42	92.58	6.83	6.33				1.95
11	TRIGLYCERIDE		JOHNSON & JOHNSON DRYCHEM SERIES	235	218.93	5.22	11.42	148 mg/dl	-6.21	1.49	low
			FUJI DRYCHEM SERIES	44	222.55	8.08	17.98				5.42
12	HDL CHO		JOHNSON & JOHNSON DRYCHEM SERIES	225	18.17	6.72	1.22	16 mg/dl	-1.78	0.16	
			FUJI DRYCHEM SERIES	36	17.63	8.13	1.43				0.48
13	SODIUM		JOHNSON & JOHNSON DRYCHEM SERIES	198	129.08	2.42	3.12	126 mmol/L	-0.99	0.44	
			FUJI DRYCHEM SERIES	49	132.21	3.44	4.55				1.30
14	POTASSIUM		JOHNSON & JOHNSON DRYCHEM SERIES	197	5.70	2.96	0.17	5.5 mmol/L	-1.18	0.02	
			FUJI DRYCHEM SERIES	48	5.63	3.75	0.21				0.06
15	CHLORIDE		JOHNSON & JOHNSON DRYCHEM SERIES	162	110.11	2.73	3.01	103 mmol/L	-2.36	0.47	
			FUJI DRYCHEM SERIES	46	105.51	3.47	3.66				1.08
16	BICARBONATE		JOHNSON & JOHNSON DRYCHEM SERIES	29	17.97	9.45	1.70				0.63
			FUJI DRYCHEM SERIES	16	17.82	17.96	3.20				1.60
17	AST	Dry Chemistry with PLP (P-5-P)	JOHNSON & JOHNSON DRYCHEM SERIES	248	69.60	6.87	4.78	68 U/L	-0.33	0.61	
			FUJI DRYCHEM SERIES	19	57.17	8.36	4.78				2.19
18	ALT		JOHNSON & JOHNSON DRYCHEM SERIES	226	198.12	12.25	24.27	217 U/L	0.78	3.23	
			FUJI DRYCHEM SERIES	18	193.10	10.48	20.23				9.54
19	ALP	DRY CHEMISTRY	JOHNSON & JOHNSON DRYCHEM SERIES	261	44.88	11.41	5.12	48 U/L	0.61	0.63	
			FUJI DRYCHEM SERIES	43	71.97	12.68	9.13				2.78
20	AMYLASE		JOHNSON & JOHNSON DRYCHEM SERIES	117	49.97	15.47	7.73	47 U/L	-0.38	1.43	
			FUJI DRYCHEM SERIES	26	85.95	4.94	4.24				1.66
21	IRON		JOHNSON & JOHNSON DRYCHEM SERIES	70	71.29	11.26	8.03				1.92
22	MAGNESIUM		JOHNSON & JOHNSON DRYCHEM SERIES	89	1.99	7.71	0.15				0.03
			FUJI DRYCHEM SERIES	24	1.96	7.46	0.15				0.06

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
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Retained EQAs
 Sample Oct 2020
 CMC Vellore

C EQAs retained Sample - Oct ANALYZER NAME: 0118

DATE: Nov 17 20
 TIME: 13:16:11

SE-1520 V2.01 2018-12-22 12:39
 No.0001 ID:123
 Sample: B. Serum Lot: ADA55

PATIENT NAME:
 1 TRAY: TRACK: 4 FLUID: SERUM MAN DIL: 1.0000

Na 130 mmol/L
 K 5.4 mmol/L
 Cl 108 mmol/L

CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
	AMYL			AST		
	LIPA			ALT		
	Ca			LDH		
	Mg			CK		
	PHOS			CKMB		
	CHOL			ALKP		
	TRIG	216. mg/dL UC		GGT		
				TBIL		
	URIC			Bu		
	TP			Bc		
	ALB			LAC		
	DGXN			ALC		
	CHE					
	PHBR			FHYT		
	CREM					
				B/CR		
	A/G			NEIL		
	AGPK			DBIL		
	AGP			DEL B		
	OSMO			% MB		
	%SAT			LDL		

Prady

SHL
 Li
 CRP
 ACET
 dHDL
 GLOB
 C/H
 LDLC
 VLDL
 C/H

INSTR DL :

Prady

Pradeep Kumar. K
 Quality Head.

LABORATORY
 CHINMAYI HOSPI
 KUNDAPURA

Corrective Action: Calibrated the TRIG. Rerun Retained EQAs Sample. Results obtained value is 216 mg/dL which is in the satisfactory range given in EQAs Sheet.
 For chloride also value obtained 108 mmol/L.



CHINMAYI HOSPITAL

Corrective and Preventative Actions Report

Problem Reported	October CMC EQAS is reported Triglyceride and Chloride out layers
EQAS October Triglyceride reported -148 mg/dL .Reported low value with -6.21 Standard Deviation and uncertainty 1.49 . EQAS October Chloride reported -103 mmol/L .Reported low value with -2.36 Standard Deviation and uncertainty 0.47.	
Actual value for Triglyceride :218.93mg/dL CV :5.22 SD:11.42	
Actual value for Chloride :110 mmol/L CV:2.73 SD:3.01	

Finding: Calibration problem

Corrective Actions: Calibrated the new lot Triglyceride and chloride .We Reprocessed October EQAS retained sample we got correct results for Triglyceride:216 mg/dL and chloride :108 mmol/L



CHINMAYI HOSPITAL

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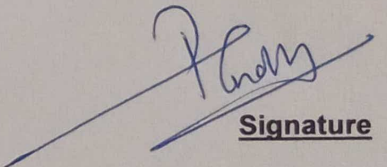
Preventative Actions: Before running all EQAS samples IQC results are to be checked .

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Name :Pradeep Kumar

Date :17-11-2020

Designation :Quality Head


Signature