



VIEW LAB MONTHLY SUMMARY

Lab Name: SOBHI DIAGNOSTIC CENTRE [Details About Robust Analysis](#)
 Lab No: 2739 [Detail About Monthly Summary](#)
 Month: December [Detail about SDI](#)
 Year: 2020
 Constituent Group: Chemistry II

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Date of Result Entered : 12/12/2020

Date of Report Published : 31/12/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE I	GOD-POD	Robonik (Semi automatic / Fully Automatic)	402	142.53	10.91	15.55	142 mg/dl	-0.03	1.55
2	UREA I	Urease Berthelot	Robonik (Semi automatic / Fully Automatic)	209	76.23	15.83	12.06	91 mg/dl	1.22	1.67
3	CREATININE I	Jaffes End point	Any Analyser	361	3.94	13.67	0.54	4 mg/dl	0.11	0.06
4	T.BILIRUBIN I	Diazonium salt (Colorimetric) / Jendrassik	Robonik (Semi automatic / Fully Automatic)	170	2.18	19.15	0.42	2.7 mg/dl	1.25	0.06
5	T-PROTEIN I	Biuret - Colorimetric	Robonik (Semi automatic / Fully Automatic)	160	4.93	11.65	0.57	7.9 g/dl	5.21	0.09
6	ALBUMIN I	BCG - colorimetric	Robonik (Semi automatic / Fully Automatic)	142	2.97	11.04	0.33	2.5 g/dl	-1.43	0.06
7	CHOLESTEROL I	CHOD-PAP	Robonik (Semi automatic / Fully Automatic)	358	102.63	10.04	10.30	79.2 mg/dl	-2.27	1.09
8	TRIGLYCERIDE I	GPO-PAP / Enzymatic Colorimetric / End Point	Robonik (Semi automatic / Fully Automatic)	190	108.50	17.11	18.56	62.8 mg/dl	-2.46	2.69

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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RESOLVING QC FAILURE

Steps taken to resolve out of range values for the month of December

1. Fresh reagents were prepared and samples were re-run.
2. Sample storage, handling and instrument operation was reviewed.
3. Maintenance of instruments were done prior to sample analysis.
4. Internal quality control was done.
5. Staff training was performed.