LAB MONTHLY SUMMARY

Lab Name	SOBHI DIAGNOSTIC CENTRE
Month	October
Constituent Group	Chemistry II

Lab No 2739

Year 2020

Date of Result Entered : 12/10/2020

Date of Report Published : 09/11/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE I	GOD-POD	Robonik (Semi automatic / Fully Automatic)	411	165.51	11.40	18.87	199.6 mg/dl	1.81	1.86
2	UREA I	UREASE BERTHELOT	Robonik (Semi automatic / Fully Automatic)	188	104.25	16.06	16.74	84.5 mg/dl	-1.18	2.44
3	CREATININE I	JAFFE-END POINT	Any Analyser	358	4.52	13.11	0.59	3.2 mg/dl	-2.23	0.06
4	T.BILIRUBIN I	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Robonik (Semi automatic / Fully Automatic)	177	3.69	19.79	0.73	2.2 mg/dl	-2.04	0.11
5	T-PROTEIN I	BIURET - colorimetric	Robonik (Semi automatic / Fully Automatic)	149	5.16	11.80	0.61	5.8 g/dl	1.05	0.10
6	ALBUMIN I	BCG - colorimetric	Robonik (Semi automatic / Fully Automatic)	146	3.01	10.73	0.32	4.3 g/dl	4.03	0.05
7	CHOLESTEROL I	CHOD-PAP	Robonik (Semi automatic / Fully Automatic)	366	102.64	11.50	11.81	134.7 mg/dl	2.71	1.23
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Robonik (Semi automatic / Fully Automatic)	194	176.93	12.27	21.70	177.7 mg/dl	0.04	3.12

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.

RESOLVING QC FAILURE

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

1. The control materials were retested
2. Fresh reagents were prepared and samples were re-run.
3. Reagent slots were reviewed.
4. Sample storage and handling was reviewed.
5. Pipettes and instruments were checked.