



MANUAL REPORT

**RENUKA DIAGNOSTICS-
BILASPUR**

RQ9128

Monthly Chemistry Programme

Cycle - 19 Sample –10

Note: This Report is generated to help you to check your performance.

Instrument Name :- MERIL CLINIQUANT

Analytes ►	Albumin	Alkaline Phosphatase	SGPT (ALT)	SGOT (AST)
Result Submitted	3.17	396.70	123.99	146.52
Mean of Comparison	3.07	346.80	136.14	140.16
SDPA	0.17	39.01	12.50	12.61
SDI	0.59	1.28	-0.97	0.50
%DEV	3.26	14.39	-8.92	4.54

Analytes ►	Bilirubin Direct	Bilirubin Total	Cholesterol	Creatinine
Result Submitted	1.10	4.17	214.1	3.27
Mean of Comparison	1.01	5.49	298.56	3.94
SDPA	0.16	0.57	15.61	0.30
SDI	0.56	-2.32	-5.41	-2.23
%DEV	8.91	-24.04	-28.29	-17.01

Analytes ►	Glucose	Triglyceride	Protein Total	Urea
Result Submitted	323.8	234.61	5.87	118.47
Mean of Comparison	277.02	249.00	5.89	121.62
SDPA	17.19	23.31	0.31	9.24
SDI	2.72	-0.62	-0.06	-0.34
%DEV	16.89	-5.78	-0.34	-2.59

Analytes ►	Uric Acid
Result Submitted	8.25
Mean of Comparison	9.39
SDPA	0.61
SDI	-1.87
%DEV	-12.14

SDPA = Standard Deviation for Performance Assessment.

SDI = Standard Deviation Index.

% DEV = Percentage Deviation from Target.

$$\text{Standard Deviation Index (SDI)} = \frac{\text{Your Result} - \text{Mean For Comparison (MFC)}}{\text{SDPA}}$$

Acceptable performance of SDI = An SDI less than (+/-) 2 Standard Deviations (2 SDPAs) from MFC

$$\% \text{ Dev} = \frac{\text{Your Result} - \text{Mean for Comparison} \times 100}{\text{Mean for Comparison}}$$

Criteria for Acceptable Performance of % Dev = Performance deviation is compared to pre-set acceptable limits of performance. These pre-set acceptable criteria are defaulted to be the RIQAS Target Deviations for Performance Assessment. However, the acceptable criteria can be changed to official criteria defined by governing bodies, or country – specific requirements (e.g. CLIA' 88 or Biological Variation) on request.