

MANUAL REPORT

**RENUKA DIAGNOSTICS-
BILASPUR**

RQ9128

Monthly Chemistry Programme

Cycle - 19 Sample – 8

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	3.90	164.89	30.19	39.94
Mean of Comparison	4.00	187.09	36.29	34.19
SDPA	0.22	21.04	3.33	3.08
SDI	-0.45	-1.06	-1.83	1.87
%DEV	-2.50	-11.87	-16.81	16.82

Analytes ►	Bilirubin Direct	Bilirubin Total	Cholesterol	Creatinine
Result Submitted	1.10	1.45	180.63	1.37
Mean of Comparison	1.06	1.67	165.00	1.56
SDPA	0.17	0.16	8.33	0.12
SDI	0.24	-1.38	1.88	-1.58
%DEV	3.87	-13.17	9.47	-12.18

Analytes ►	Glucose	Triglyceride	Protein Total	Urea
Result Submitted	110.12	90.31	6.51	40.9
Mean of Comparison	111.51	97.32	5.89	44.74
SDPA	5.76	9.11	0.31	3.40
SDI	-0.24	-0.77	2.00	-1.13
%DEV	-1.25	-7.20	10.53	-8.58

Analytes ►	Uric Acid
Result Submitted	6.82
Mean of Comparison	6.10
SDPA	0.39
SDI	1.85
%DEV	11.80

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 then (+/-) 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.

Regards,