

**PARTICIPANT FINAL ASSESSMENT REPORT (SUMMARY)**

**PT SCHEME: BIOCHEMISTRY**

Cycle No	C5
Ref.No.	NEUQAP610
Sample ID	NEUQAP BIO SERUM/2023/9/C5/S6

Report Date : 22/11/2023

Sample : SEP 2023

**Peer group**

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
19	CHOLESTEROL (CHOD-PAP)	15	158.82	mg/dL	130.00	9.14		3.15	Unsatisfactory
20	DIRECT BILIRUBIN (Diazonium salt)	4	14.42	mg/dL	4.03	3.82		2.72	Questionable
21	GGTP (IFCC)	13	71.31	U/L	57.42	* 12.67	4.151	1.10	Satisfactory
22	CHLORIDE (ISE, Direct)	14	111.40	mmol/L	101.35	5.52		1.82	Satisfactory
23	TOTAL PROTEIN (Biuret)	27	1.08	g/dL	1.93	0.50	0.121	1.68	Satisfactory
24	SODIUM (ISE, Direct)	15	143.50	mmol/L	131.90	* 8.06	2.476	1.44	Satisfactory
25	CREATININE (Enzymatic)	13	6.38	mg/dL	7.81	* 1.36	0.445	1.05	Satisfactory
26	UREA (Urease)	17	57.79	mg/dL	54.15	* 6.67	1.990	0.55	Good
27	GLUCOSE (Hexokinase)	17	16.20	mg/dL	18.25	* 5.83	1.737	0.35	Good
28	TRIGLYCERIDES (GPO-PAP Method)	2	136.30	mg/dL	119.11	24.32		0.71	Good
29	ALBUMIN (BCG)	27	1.84	g/dL	1.95	0.28	0.068	0.38	Good
30	CALCIUM (Arsenazo III)	6	9.42	mg/dL	9.21	0.87		0.25	Good
31	HDL-CHOL (Enzymatic)	8	45.92	mg/dL	55.46	10.65		0.90	Good
32	URIC ACID (Uricase PAP)	8	8.28	mg/dL	8.61	1.53		0.22	Good
33	AST (IFCC without P5P)	17	16.60	U/L	15.28	* 7.46	2.292	0.18	Good

Authorised Signatory

\* denotes adjusted SDPA as per ISO 13528:2015(E)  
SDPA - Standard Deviation for Proficiency Assessment

Technical Advisor




Dr. Sujay Prasad  
Technical Manager and Program coordinator

This report is for use only by the intended participant.

Dr Venkatesh

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34	ALT (IFCC without P5P)	15	12.18	U/L	12.18	6.36			Good
35	BILIRUBIN (Diazonium Salt)	4	20.00	mg/dL	16.35	6.46		0.57	Good
36	ALKALINE PHOSPHATASE (PNPP AMP Buffer)	10	74.94	U/L	82.50	10.27		0.74	Good
37	POTASSIUM (ISE, Direct)	15	5.03	mmol/ L	4.61	* 0.45	0.138	0.93	Good

**Interpretation of z scores is as follows:**

- | Z score |  $\leq 1.0$  – Good
- | Z score | between 1.0 to 2.0 - Satisfactory
- | Z score | between 2.0 to 3.0 - Questionable
- | Z score |  $\geq 3.0$  - Unsatisfactory

Authorised Signatory



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