Neu-QAP

(an EXTERNAL QUALITY ASSURANCE PROGRAMME)

PC-1047

PARTICIPANT FINAL ASSESSMENT REPORT

PT SCHEME:SEROLOGY

Cycle No	C3
Ref.No.	NEUQAP109
Sample ID	NEUQAP SERO SERUM/2021/7/C3/S3

Report Date : 10/08/2021

Sample : July 2021

All Methods

Parameters	Lab Report	No of Participants	Consensus Report	%	Remarks
Brucella	Not Recvd.	24	Non Reactive - 24		
Brucella Antigen	Not Recvd.	3	Non Reactive - 3		
Brucella IgG	Not Recvd.	17	Non Reactive - 17		
Brucella IgM	Not Recvd.	18	Non Reactive - 18		
Chikungunya	Not Recvd.	42	Negative - 41		
			Positive - 1		
CMV IgG	Not Recvd.	42	Reactive - 42		
CMV IgM	Not Recvd.	43	Non Reactive - 43		
HBsAg	Reactive	91	Non Reactive - 4		
			Reactive - 87	96	Within Consensus
HCV	Reactive	91	Non Reactive - 16		
			Reactive - 75	82	Within Consensus
HIV-1	Reactive	91	Non Reactive - 1		
			Reactive - 90	99	Within Consensus
RPR	Reactive	88	Non Reactive - 68		
			Reactive - 20		Out of Consensus
Rubella IgG	Not Recvd.	41	Reactive - 41		
Rubella IgM	Not Recvd.	39	Non Reactive - 39		
Toxoplasma IgG	Not Recvd.	40	Non Reactive - 1		
			Reactive - 39		
Toxoplasma IgM	Not Recvd.	39	Non Reactive - 39		
Weil Felix OX19	Not Recvd.	36	Negative - 35		
			Positive - 1		

Authorised Signatory

Dr. Sujay Prasad
Technical Manager and Program coordinator

An external quality assurance program from
NEUBERG ANAND ACADEMY OF LABORATORY MEDICINE PVT.LTD.

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CIN: U85300KA2018PTC115147

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Cycle No	C3
Ref.No.	NEUQAP109
Sample ID	NEUQAP SERO SERUM/2021/7/C3/S3

Report Date : 10/08/2021

Sample : July 2021

Peer group

Parameters	Lab Report	No of Participants	Consensus Report	%	Remarks
HBsAg (Card Method)	Reactive	13	Non Reactive - 2		
			Reactive - 11	85	Within Consensus
HCV (Card method)	Reactive	15	Non Reactive - 10		
			Reactive - 5		Out of Consensus
HIV-1 (Card method)	Reactive	11	Non Reactive - 1		
			Reactive - 10	91	Within Consensus
RPR (--OTHERS--)	Reactive	2	Reactive - 2	100	Within Consensus
Widal (Slide agglutination)	Negative	20	Negative - 20	100	Within Consensus

Note: Sample generation, homogeneity and stability testing are subcontracted to accredited laboratories

**End of report **

Authorised Signatory

Dr. Sujay Prasad
Technical Manager and Program coordinator

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RCA FORM OF ILC / PT / EQAS OUTLIERS

Department: SEROLOGY. **Date:** 31/08/2021

1. Proficiency test exception for: RPR/VDRL
2. Proficiency test provider: Non SAP.
3. Proficiency test analyte group:
4. Cause for PT exception:

   Random error.

5. How did the section investigate the cause: Satisfactory in peer group.

6. What was the status of the internal QC on the day PT initially analysed:

7. Category into which the cause will fit into:

   A. Method

   B. Technical

   C. Clerical

   D. Problem with PT material Other

   (E.) No explanation after investigation

8. Evidence that the problem was corrected successfully:

9. Specific corrections taken to prevent the recurrence if possible:

10. Signatures :

    Quality manager:

    Pathologist:

Troubleshooting Guidelines

Method	Technical	Clerical	Problem with PT material	No explanation after investigation
Equipment function checks	Misinterpretation / Wrong identification / Wrong labeling	Transcription error	Leaked / broken vial / not fit for analysis	Use this choice only when the investigation has yielded no satisfactory explanation
Scheduled maintenance not carried out or out of acceptable range	Dilution error / incorrect pipetting	Registration of wrong method or method change is not updated	Bacterial contamination	
Problem with data processing functions	Time delay between reconstitution and analysis		Perceived survey bias / inappropriate target value	
Faulty standard or other reagent	Calculation error			
Incorrect calibration	Analysis accepted in nonlinear range		Unstable material	
Carry over from previous specimen	Analysis done even though controls were out of range or controls not assayed		Matrix effect incompatible with method	
Result close to the detection limit of method	QC data within acceptable limits but showed trend suggestive of problem with the assay		No comparable peer group	
			Acceptable range too low	
	Sample mix up		Late shipment	
Other method related problem	Other technical problem		Improper package and temperature control	

Note: When all identifiable sources of error have been excluded, a single unacceptable result may be attributed to random error, particularly when the result of repeat analysis is acceptable. In such cases, no corrective action should be taken; as such an action may actually increase the probability of a future unacceptable result.