



**Indian Association of Medical Microbiologists
Virology External Quality Assessment Scheme
CMCVIROEQAS, Proficiency Testing Unit, Department of Clinical Virology
Christian Medical College, Vellore-632004, Tamil Nadu
Email: viroeqas@cmcvellore.ac.in Phone: 08438172355**

PC - 1034

21st SEROLOGY CMCVIREQAS EVALUATION FINAL REPORT

PANEL: BBVS

CMCVIROEQAS ID. V0049

Opening Date: 18-09-2023

Closing Date: 09-10-2023

Distribution No: S323

Result receiving Date: 22.09.2023

Specimen #	Intended Result			Your Result		
	HIV	HBsAg	HCV	HIV	HBsAg	HCV
S01323009	NEGATIVE	POSITIVE	NEGATIVE	NEGATIVE	POSITIVE	NEGATIVE
S01323010	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
S01323011	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
S01323012	POSITIVE	NEGATIVE	POSITIVE	POSITIVE	NEGATIVE	POSITIVE
Your Score				8/8 (100%)	8/8 (100%)	8/8 (100%)
Performance grading				E	E	E

Scoring System

Qualitative Results	Score
Concordant Result	2
Indeterminate/Equivocal	1
Discordant Result	0



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Performance Grading

Your score	Score	Grade
100%	Excellent	E
75 – 99%	Good	G
50 – 74%	Average	A
0 – 49%	Poor	P

Cumulative Report of this cycle:

Total Number of specimens you received : 4
Number of markers reported as not examined : 0
Number of kits used for HIV : 2
Specimen # not used for analysis : 0
Reported After Closing Date : NO
Your cumulative score for the specimens you reported : 24 out of the possible total of 24
Total Number of participants for BBVS : 702
Total Number of Participants who turned in their results : 689



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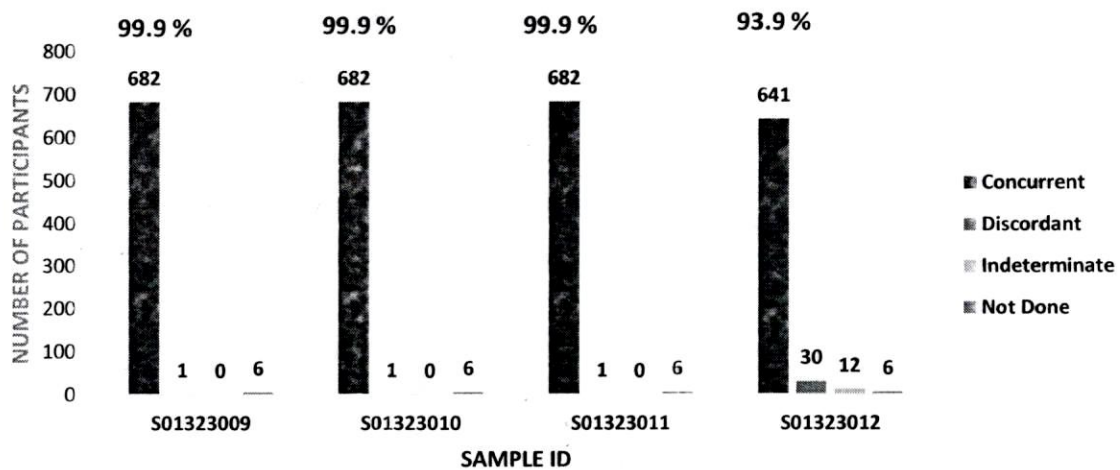
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Participants who reported all analyzed specimens accurately

Marker	Number of Participants with all four specimen's results	Percentage of Participants with concordant result from all four specimens
HIV	683	93.9
HBsAg	689	91.6
HCV-Ab	687	94.6

Performance Graph

BBVS - HIV Ag/Ab

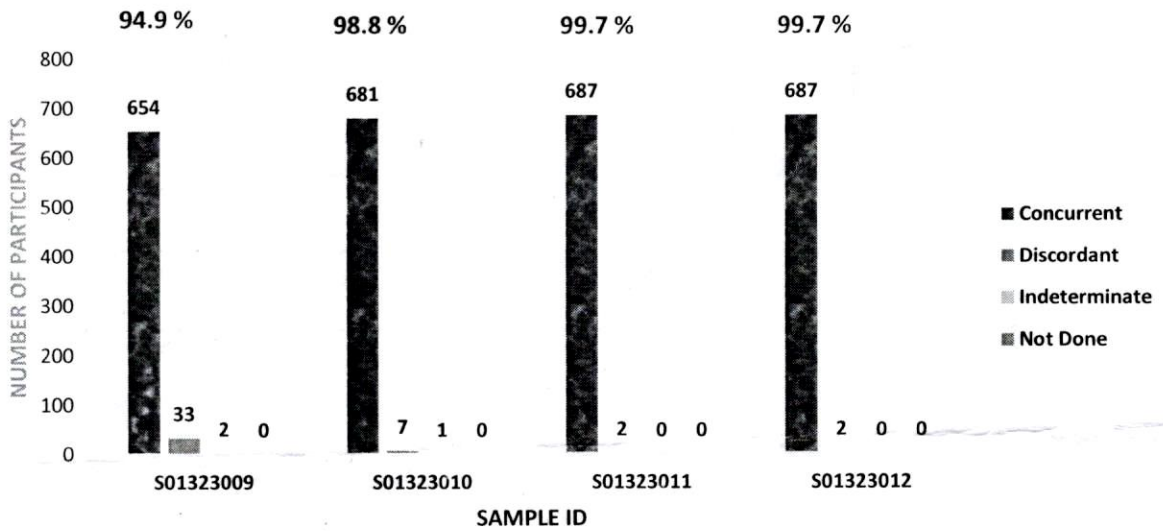




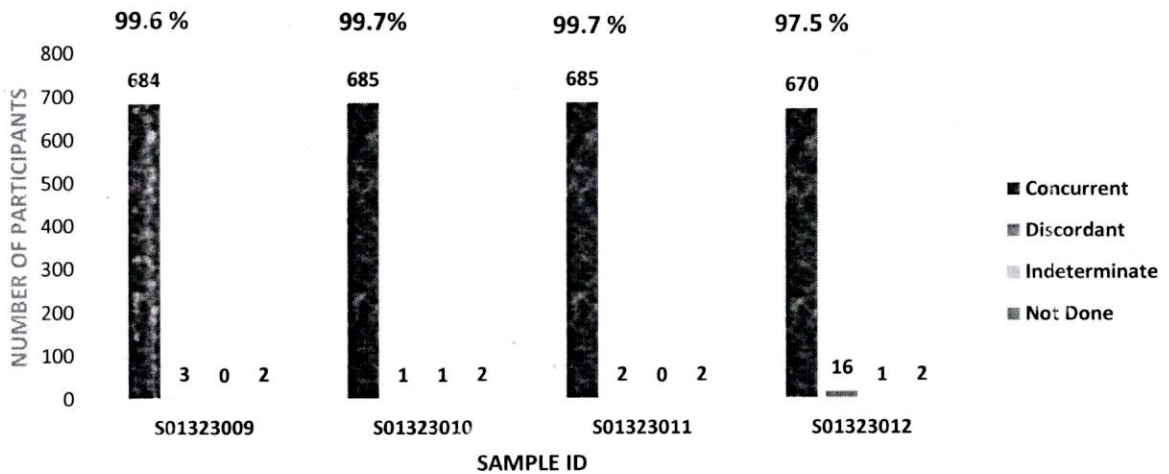
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BBVS - HBsAg



BBVS - HCV Ab





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	HIV Ag/Ab		HBsAg		HCV-Ab	
	n	Discordant	n	Discordant	n	Discordant
Chemiluminescence	256	5 (2.0 %)	293	7 (2.4 %)	298	2 (0.7 %)
ELFA	21	0	18	0	21	1 (4.8 %)
ELISA	91	1 (1.1 %)	106	0	112	0
Rapid Assay	315	36 (11.4 %)	272	33 (12.1 %)	256	15 (5.9 %)
Not Done	6	-	0	-	2	-
No Info		0		0		0

Comments:

This PT program is a simultaneous and continuous scheme.

Testing Material (Specimen):

The proficiency testing material is a pooled lyophilized plasma sample prepared by following institutional proficiency testing standard operating protocol (PT-SOP) by trained staff. None of the work related to testing, preparation and packaging of sample is subcontracted. The homogeneity of the PT material is determined using multiple testing. The stability of the testing material is determined by assessing the reactivity of the specimen till the closing date. The homogeneity and stability of the materials were found satisfactory as per ISO13528:2015.



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Assigned Value:

Assigned value is pre-determined using multiple assays/multiple testing of the same analyte.
Assigned value was not derived using reference material or calibrators.

Scoring:

Participants are scored based on qualitative result. If more than 30% of the laboratory report discrepant result that sample will not be considered for analysis.

Confidentiality of the results:

The results are kept confidential between the participant and the provider. The results can be revealed to a regulatory body with written consent from the participant. However, in exceptional circumstances, results from a particular participant will be provided to the regulatory body and the participant will be notified of this action in writing.

Appeal:

For appeals, regarding result analysis and evaluation process, please contact CMCVIROEQAS coordinator by phone 08438172355 or email viroeqas@cmcvellore.ac.in within a week of receiving this report.

Enquiries:

For all communications, please use your CMCVIROEQAS LAB ID and Distribution Number.

END OF REPORT

Name of CMCVIROEQAS Coordinator

Signature

Dr. Rajesh Kannangai

Department of Clinical Virology

Report Dispatch Date: 15-11-2023

Report authorized by: CMCVIROEQAS Coordinator



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CMCVIROEQAS SEROLOGY CUMULATIVE REPORT FOR THE YEAR 2023

PANEL : BLOOD BORNE VIRAL SCREEN (BBVS)

CMCVIROEQAS ID.:

V0049

Report Preparation Date: 20-01-2024

	HIV- Ab/Ag	HBsAg	HCV- Ab	Total
Number of Specimens	12			
Number of tests performed	11	11	11	33
Number of tests reported as not examined	1	1	1	3
Number of specimens not used for analysis	0	0	0	0

Your cumulative score for the specimens you reported : 64 out of the possible total of 66

Performance grading/Comment on cumulative performance : G

Total Number of participants for BBVS : 702

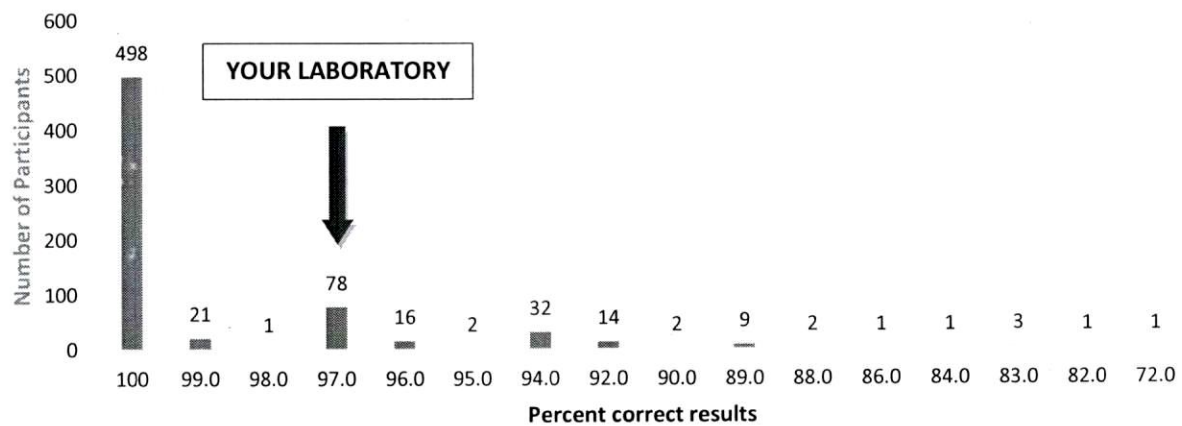
Number of participants participated in 2 or more surveys : 682



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Performance Characteristics of Participants Analyzed - CMCVIROEQAS 2023



Performance Grading

Your score	Score	Grade
100%	Excellent	E
75 – 99%	Good	G
50 – 74%	Average	A
0 – 49%	Poor	P



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Design of PT scheme:

This PT program is a simultaneous and continuous scheme. Serology panels have 3 cycles in a year. Cumulative report and participating certificate are issued to participants participating in a minimum of 2 cycles in a year.

Confidentiality of the results:

The results are kept confidential between the participant and the provider. The results can be revealed to a regulatory body with written consent from the participant. However, in exceptional circumstances, results from a particular participant will be provided to the regulatory body and the participant will be notified of this action in writing.

Performance Grading:

Percent Cumulative Score: The scores obtained by the participants in all three cycles of 2023 was used for grading the participating laboratories. Comment was provided based on the cumulative performance characteristics of the laboratory. Laboratories with a cumulative score of less than or equal to 90% are recommended to perform root cause analysis followed by appropriate corrective and preventive action.

Appeal:

For appeals, regarding result analysis and evaluation process, please contact CMCVIROEQAS coordinator by phone 08438172355 or email viroeqas@cmcvellore.ac.in.

Enquiries: For all communications, please use your **CMCVIROEQAS LAB ID** and **Distribution Number**.

END OF REPORT

Name of CMCVIROEQAS Coordinator

Signature

**Dr. Rajesh Kannangai
Department of Clinical Virology
Report Dispatch Date: 24-01-2024**

Report authorized by: CMCVIROEQAS Coordinator



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CMCVIROEQAS

(Under the aegis of Indian Association of Medical Microbiologists)

Department of Clinical Virology
Christian Medical College, Vellore

Certificate of Participation

This is to certify that, LAB ID V0049

Pathology Department, Vinamra Swaraj Hospital,

Navi Mumbai, Maharashtra

has participated in the Virology External Quality Assessment Scheme during the year 2023 for the following panel:

Blood Borne Virus Serology

Dr. Rajesh Kannangai
Coordinator



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