CMCVIROEQAS
(Under the aegis of Indian Association of Medical Microbiologists)
PT Unit, Department of Clinical Virology, Christian Medical College,
Vellore-632004, Tamil Nadu
Email: viroeqas@cmcvellore.ac.in Phone: 0416-2283455

PC - 1034

15th SEROLOGY CMCVIROEQAS EVALUATION FINAL REPORT

PANEL: BBVS

CMCVIROEQAS ID. V0963

Opening Date: 01-11-2021

Result Receiving Date: 2/11/2021

Distribution No: S321

Specimen #	Intended Result			Your Result		
	HIV	HBsAg	HCV	HIV	HBsAg	HCV
S0132109	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0132110	Negative	Negative	Positive	NEGATIVE	NEGATIVE	POSITIVE
S0132111	Positive	Negative	Negative	POSITIVE	NEGATIVE	NEGATIVE
S0132112	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
Your Score				**8/8 (100%)**	**8/8 (100%)**	**8/8 (100%)**

Scoring System

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

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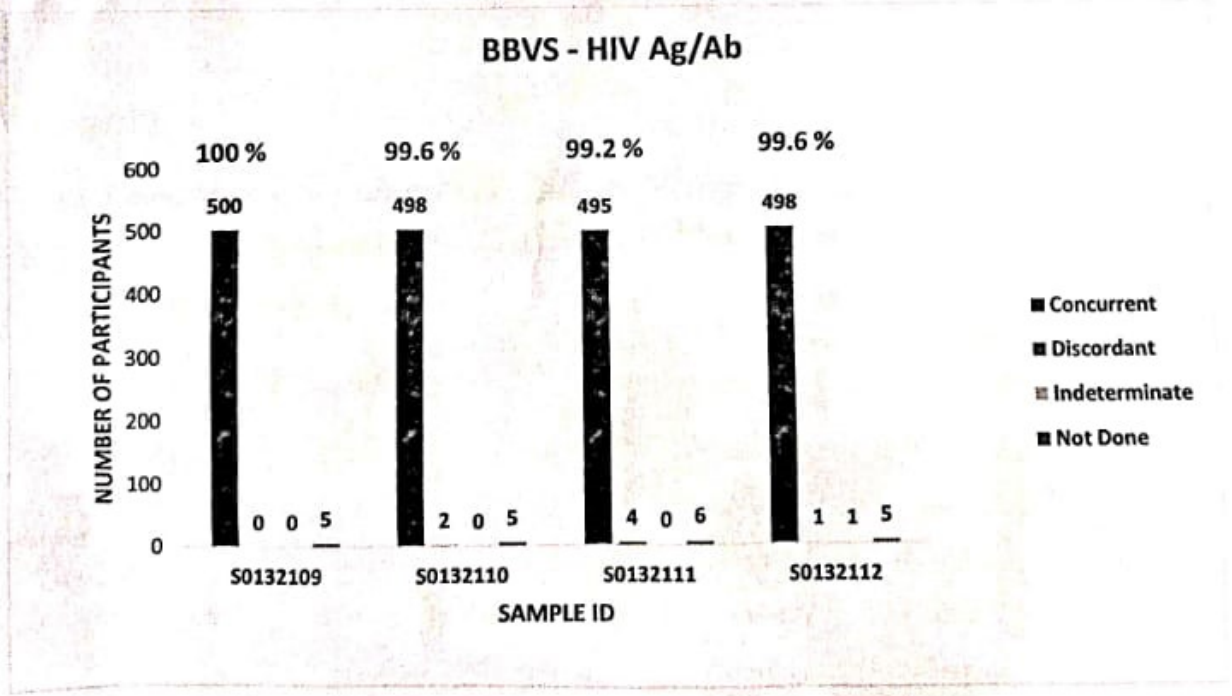
Participants who reported all analyzed specimens accurately

Marker	Number of Participants with all four specimen's results	Percentage of Participants with concordant result from all four specimens
HIV	499	98.4
HBsAg	503	99.6
HCV-Ab	500	99.4

Performance Graph



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Cumulative Report of this cycle:

Total Number of specimens you received : 4

Number of markers reported as not examined : 0

Specimen # not used for analysis : 0

Number of Specimens Reported Late for analysis : 0

Your cumulative score for the specimens you reported: 24 out of the possible total of 24

Total Number of participants for BBVS : 536

Total Number of Participants who turned in their results : 505

Standard Deviation Index (SDI)

Performance of the participating Laboratories	HIV Ag/Ab	HBsAg	HCV-Ab
Mean score of all Laboratories	8.0	8.0	8.0
Standard Deviation	0.3	0.1	0.2
Your Laboratory SDI	**0**	**0**	**0**

SDI of ± 3 and above indicates possible poor performance

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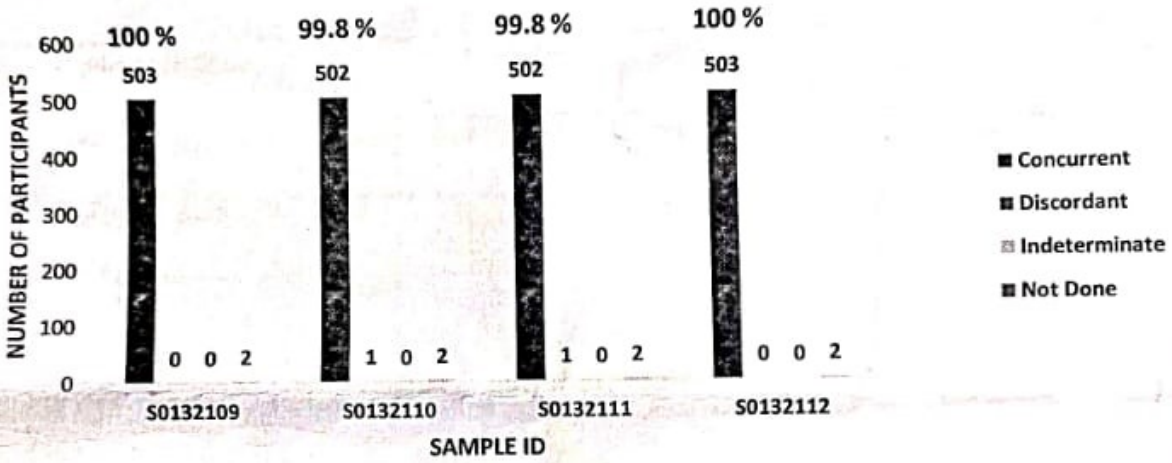
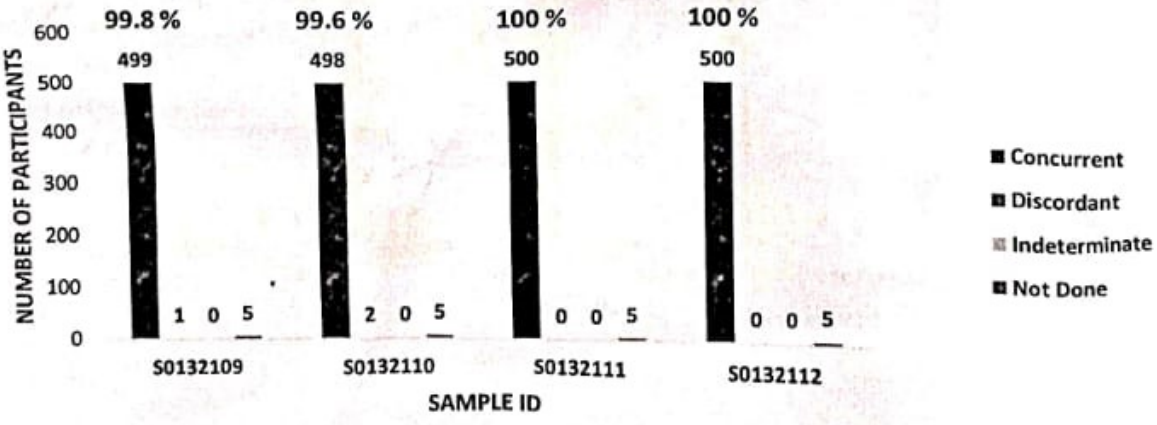
BBVS - HBsAg



BBVS - HCV Ab



Assigned Value:

Assigned value is determined using multiple assays/multiple testing of the same analyte. 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.

Standard Deviation Index (SDI):

Standard deviation index is used to analyze your laboratories performance relative to the other participating laboratories. The SDI is calculated for each parameter or marker separately using the formula

SDI = (Your score – interlaboratory mean score)/interlaboratory standard deviation of the score

Enquiries: For queries, please contact CMCVIROEQAS coordinator at the email viroeqas@cmcvellore.ac.in. For all communications, please use your **CMCVIROEQAS LAB ID and Distribution Number.**

Name of CMCVIROEQAS Coordinator **Signature**

Dr. Rajesh Kannangai
Department of Clinical Virology
Report Dispatch Date: 28-12-2021

Report authorized by: CMCVIROEQAS Coordinator

END OF REPORT

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	HIV Ag/Ab		HBsAg		HCV-Ab	
	n	Discordant	n	Discordant	n	Discordant
Chemiluminescence	229	2 (0.9%)	219	0	224	1 (0.4%)
ELFA	11	1 (9.1%)	11	0	13	0
ELISA	77	1 (1.3%)	75	0	78	2 (2.6%)
Rapid Assay	182	4 (2.2%)	198	2 (1.0%)	185	0
Not Done	6	-	2	-	5	-

Comments:

This PT program is a simultaneous and continuous scheme. 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.