



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

13th SEROLOGY CMCVIROEQAS EVALUATION REPORT

PANEL: BBVS

CMCVIROEQAS ID. V1177

Result Receiving Date: 20/4/21

Distribution No: 0121

Specimen #	Intended Result			Your Result		
	HIV	HBsAg	HCV	HIV	HBsAg	HCV
S0112101	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0112102	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0112103	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0112104	Negative	Negative	Positive	NEGATIVE	NEGATIVE	POSITIVE
Your Score				8/8 (100%)	8/8 (100%)	8/8 (100%)

Cumulative Report of this cycle:

Total Number of specimens you received : 4

Number of Specimens 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

Reviewed 4 panel satisfactory
JHP



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Total Number of participants for BBVS : 485

Total Number of Participants who turned in their results : 432

Standard Deviation Index (SDI)

Performance of the participating Laboratories	HIV Ag/Ab	HBsAg	HCV-Ab
Mean score of all Laboratories	8.0	8.0	7.9
Standard Deviation	0.2	0.2	0.6
Your Laboratory SDI	0	0	0.2
Performance grade	GOOD	GOOD	GOOD

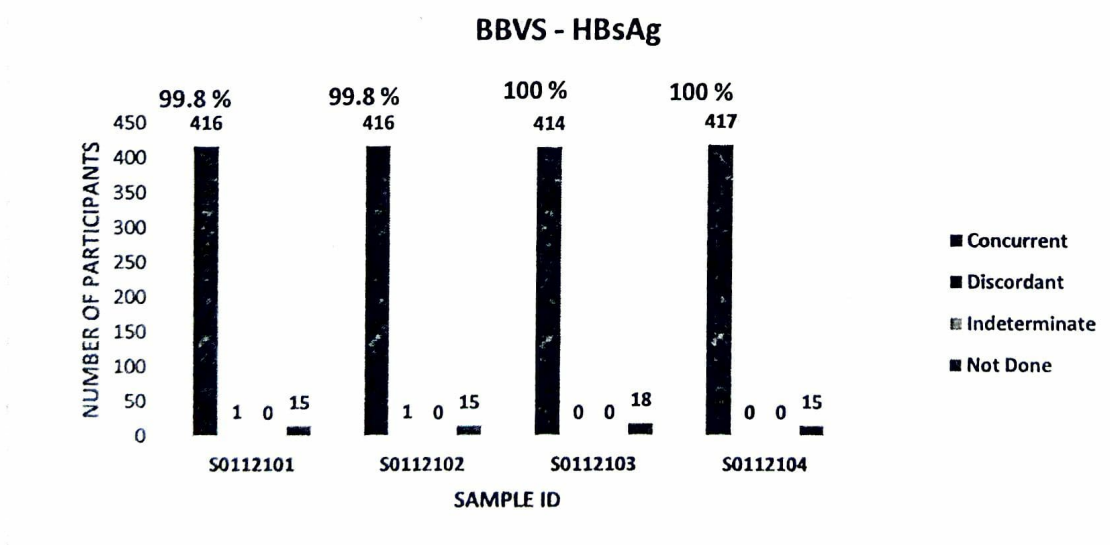
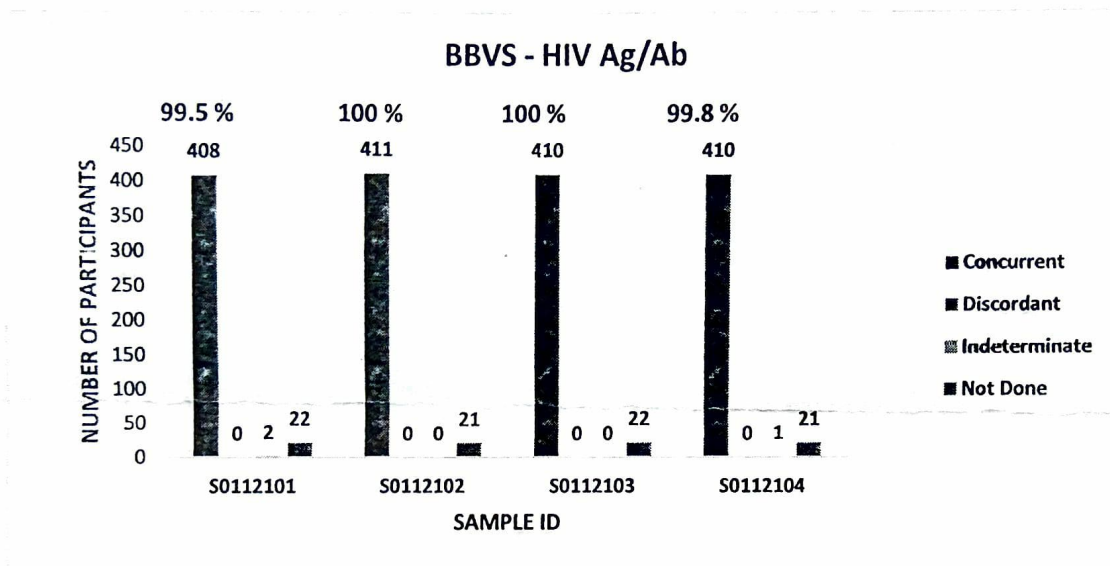
Participants who reported all analyzed specimens accurately

Marker	Number of Participants with all four specimen's results	Percentage of Participants with concordant result from all four specimens
HIV	406	99.3
HBsAg	412	99.5
HCV-Ab	408	98.6



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Performance Graph

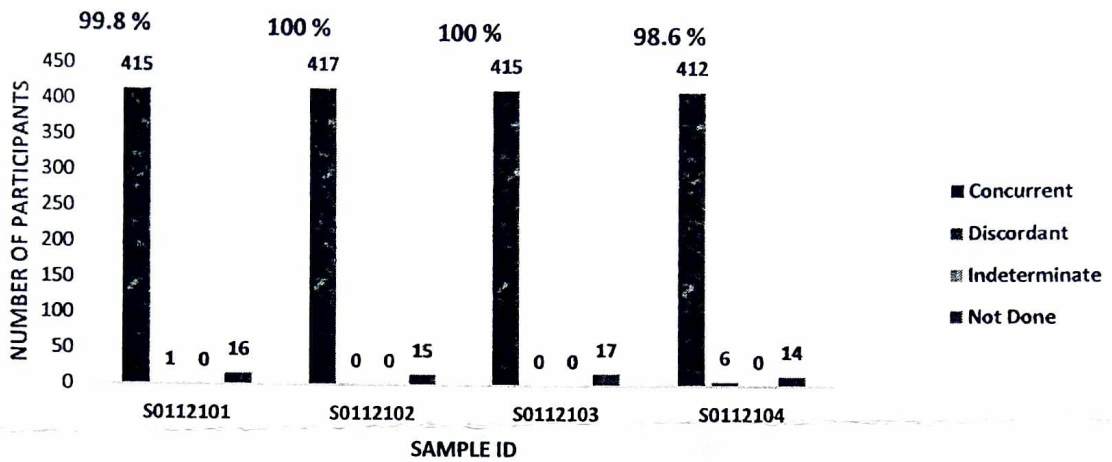




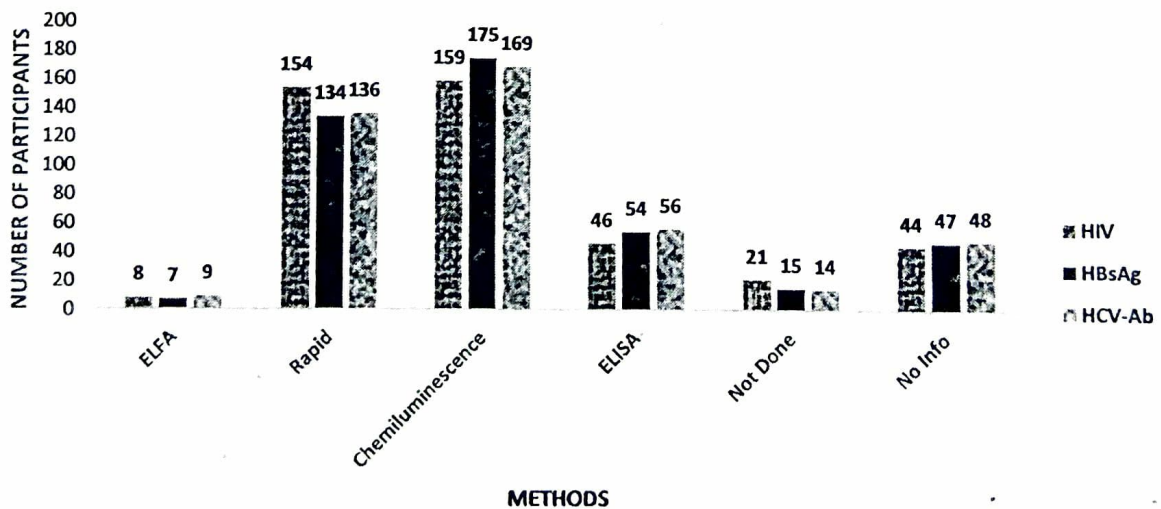
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BBVS - HCV Ab



Methods Summary - BBVS Panel





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Comments:

Participants are scored based on qualitative result.

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 of multiple aliquots. The stability of the testing material is determined by assessing the reactivity of the specimen till the closing date.

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

$SDI = (\text{Your score} - \text{interlaboratory mean score}) / \text{interlaboratory standard deviation of the score}$

Scoring System

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



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Performance Score based on Standard Deviation Index (SDI)

Performance of the participating Laboratories	SDI
Good	± 2.0
Improve	$\pm 2.0 - 3.0$
Poor	$\pm >3.0$

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: 23-07-2021

Report authorized by: CMCVIROEQAS Coordinator

END OF REPORT