



### 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

### 11<sup>th</sup> SEROLOGY CMCVIREQAS EVALUATION REPORT

### PANEL: BBVS

CMCVIROEQAS ID.

V0486

Result Receiving Date: 18.09.2020

Distribution No:

0220

Specimen #	Intended Result			Your Result		
	HIV	HBsAg	HCV	HIV	HBsAg	HCV
S0122005	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0122006	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0122007	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0122008	Positive	Negative	Positive	REACTIVE	NEGATIVE	REACTIVE
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



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Total Number of participants for BBVS : 465

Total Number of Participants who turned in their results : 408

#### Standard Deviation Index (SDI)

Performance of the participating Laboratories	HIV Ag/Ab	HBsAg	HCV-Ab
Mean score of all Laboratories	7.79	7.89	7.83
Standard Deviation	0.78	0.62	0.73
Your Laboratory SDI	<b>0.27</b>	<b>0.18</b>	<b>0.23</b>
Performance grade	<b>GOOD</b>	<b>GOOD</b>	<b>GOOD</b>

#### Participants who reported all analyzed specimens accurately

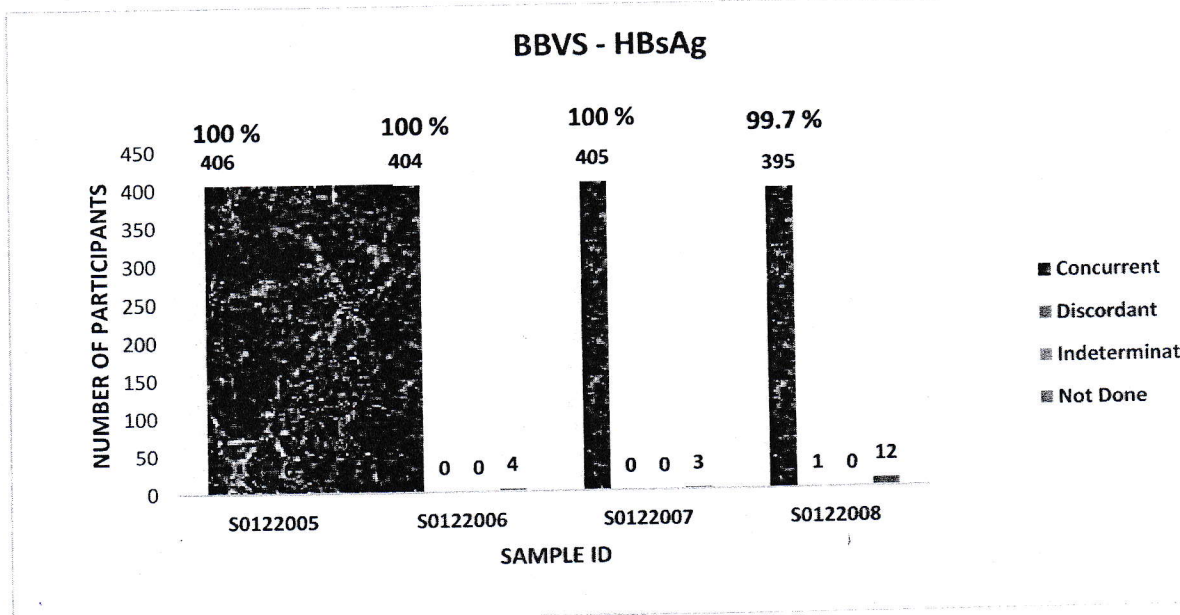
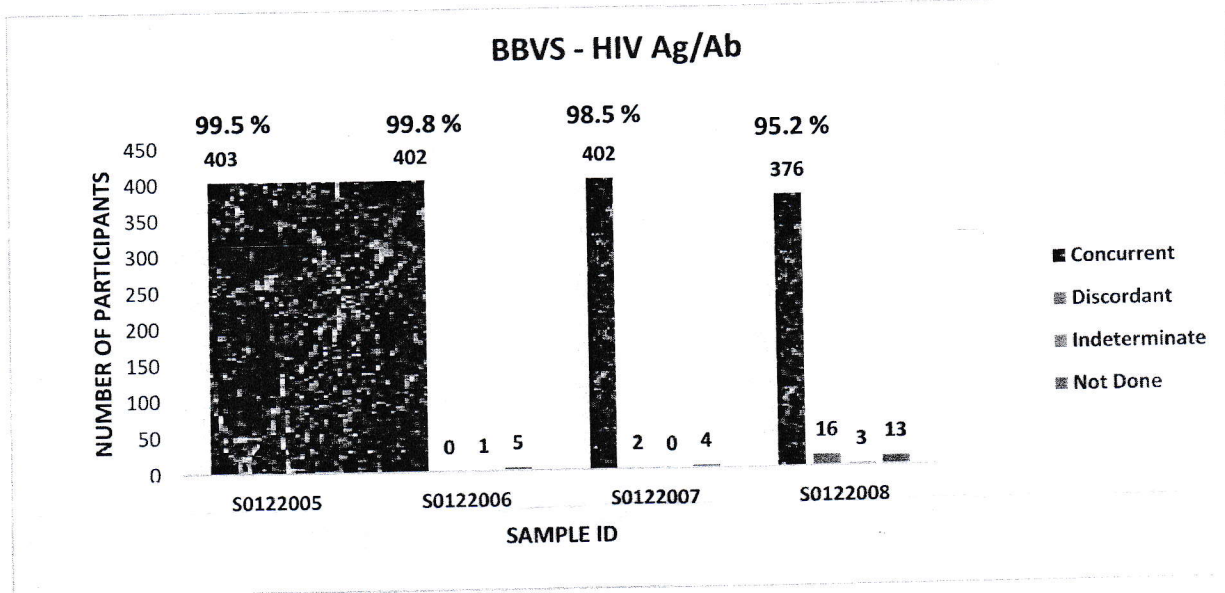
Marker	Number of Participants with all four specimen's result	Percentage of Participants with concordant result for all analyzed specimens
HIV	392	94.6
HBsAg	393	99.7
HCV-Ab	393	96.7



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### Performance Graph

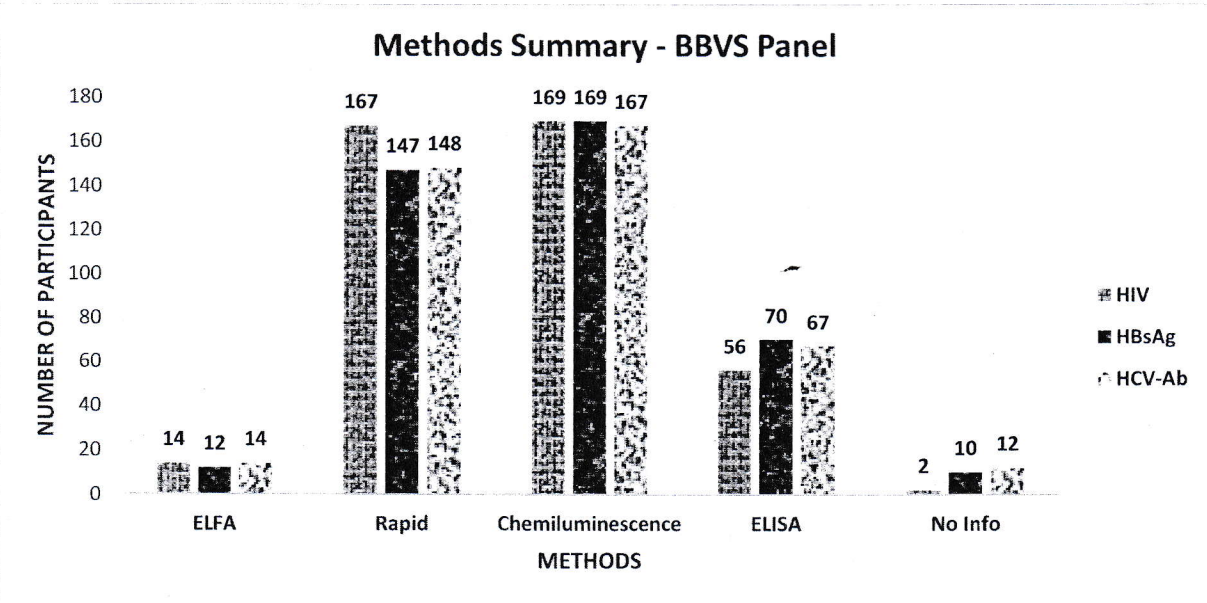
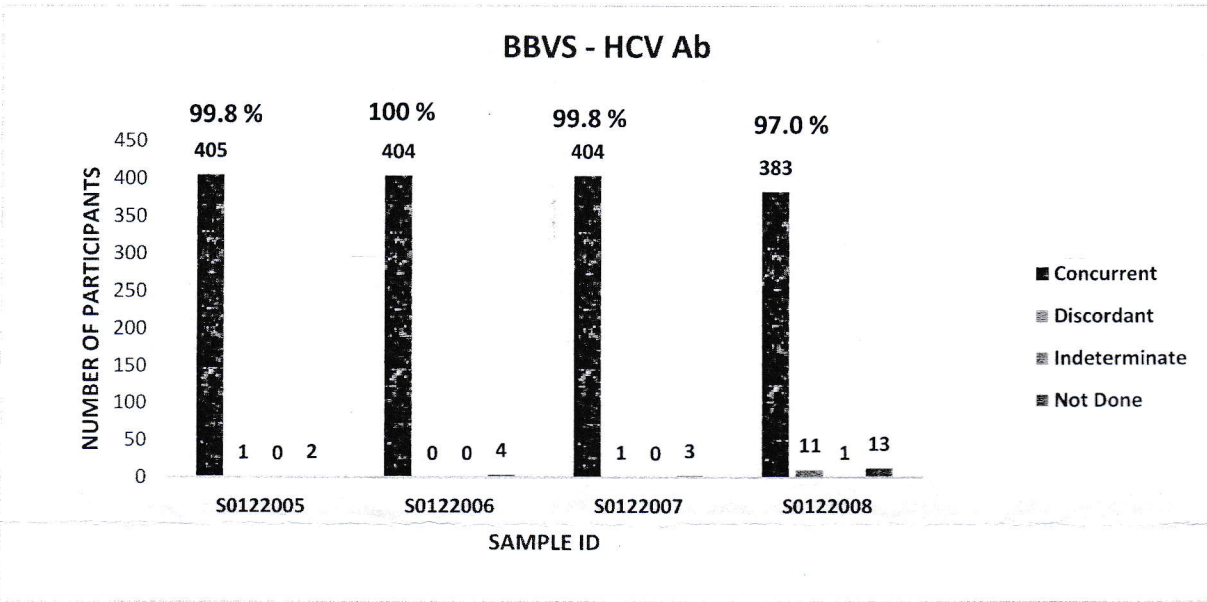






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**Comments:**

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	$\pm 2.0$
Improve	$\pm 2.0 - 3.0$
Poor	$\pm >3.0$

Enquiries: For queries please contact CMCVIROEQAS coordinator at the email  
[viroeqas@cmcvellore.ac.in](mailto: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: 03-11-2020**

Report authorized by: CMCVIROEQAS Coordinator

END OF REPORT