



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
11th SEROLOGY CMCVIROEQAS EVALUATION REPORT

PANEL: BBVS

CMCVIROEQAS ID.

V0151

Result Receiving Date: 21.09.20

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

PT Unit, Department of Clinical Virology
CHRISTIAN MEDICAL COLLEGE, VELLORE

The data in this CMCVIROEQAS results are confidential

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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 | 0.27 | 0.18 | 0.23 |
| Performance grade | GOOD | GOOD | GOOD |

Participants who reported all analyzed specimens accurately

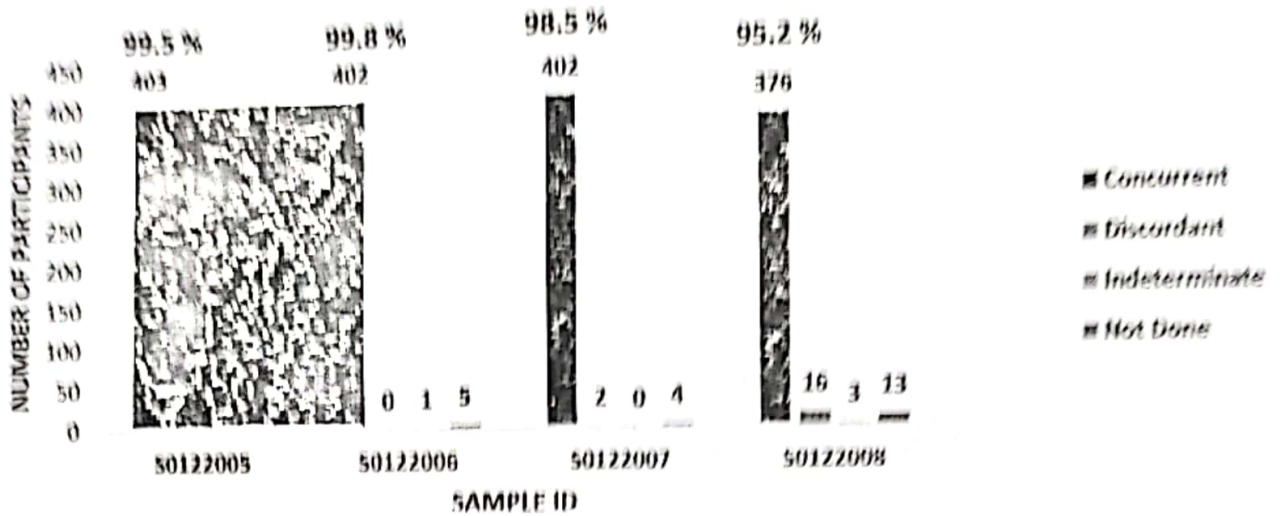
| Marker | Number of Participants with all four specimen's result | Percentage of Participants with concordant result for all analyzed specimens |
|--------|--------------------------------------------------------|------------------------------------------------------------------------------|
| HIV |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



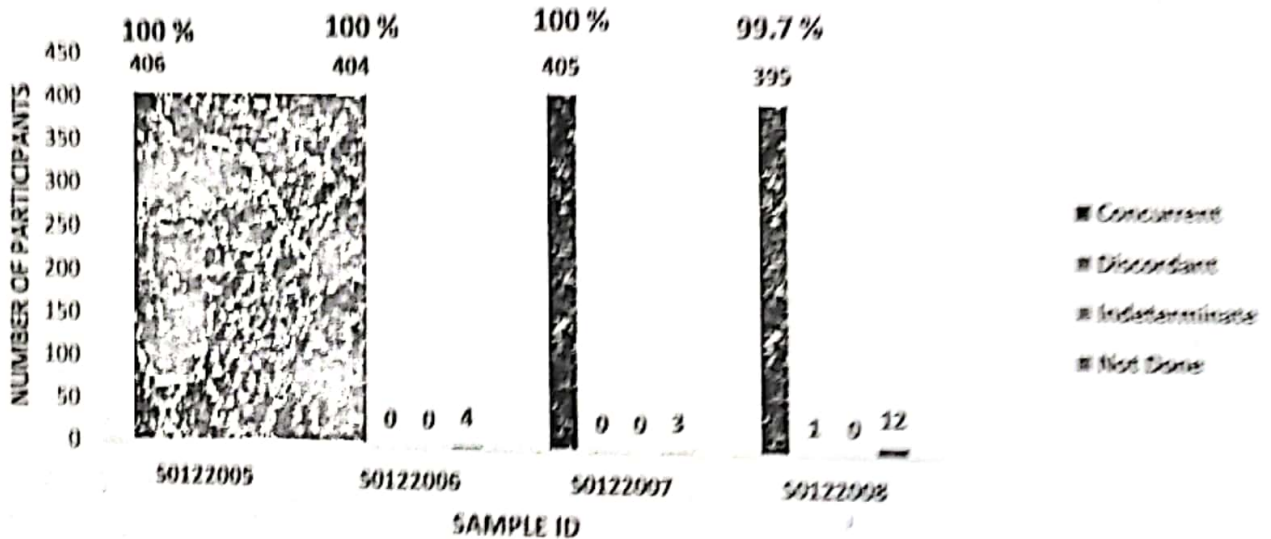
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Performance Graph

BBVS - HIV Ag/Ab



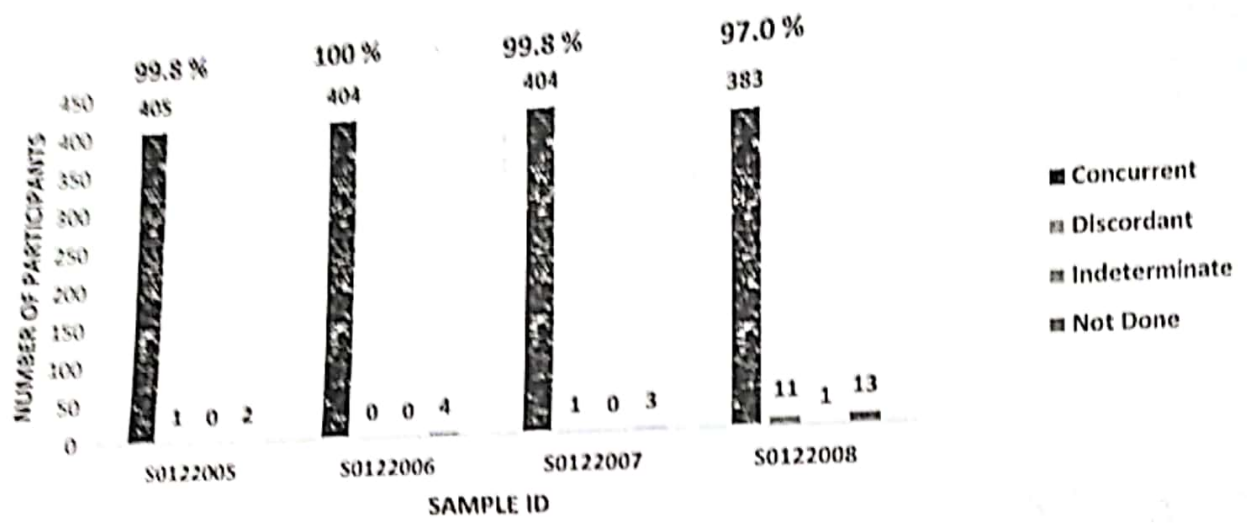
BBVS - HBsAg



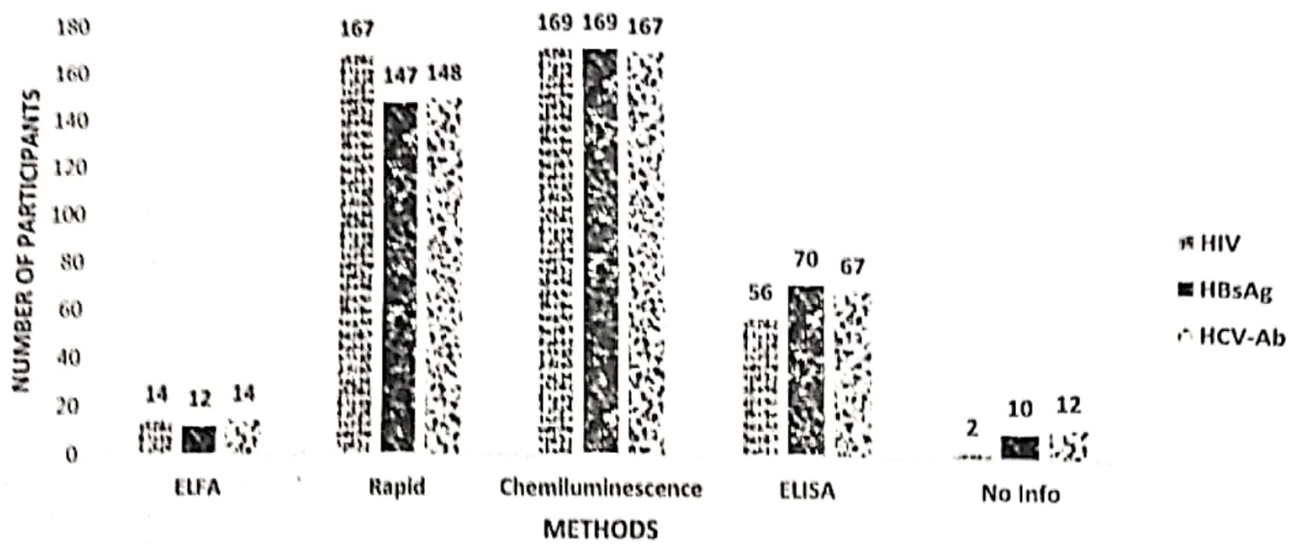


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BBVS - HCV Ab



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 Kannangal

Department of Clinical Virology

Report Dispatch Date: 03-11-2020

Report authorized by: CMCVIROEQAS Coordinator

END OF REPORT