



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
12th SEROLOGY CMCVIROEQAS EVALUATION REPORT

PANEL: BBVS

CMCVIROEQAS ID.

V0288

Result Receiving Date: 06.01.21

Distribution No:

0320

Specimen #	Intended Result			Your Result		
	HIV	HBsAg	HCV	HIV	HBsAg	HCV
S0132009	Negative	Positive	Negative	NEGATIVE	POSITIVE	NEGATIVE
S0132010	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0132011	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0132012	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
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 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



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Total Number of participants for BBVS : 465

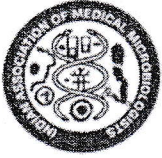
Total Number of Participants who turned in their results : 373

Standard Deviation Index (SDI)

Performance of the participating Laboratories	HIV Ag/Ab	HBsAg	HCV-Ab
Mean score of all Laboratories	8.0	7.97	7.99
Standard Deviation	0.00	0.27	0.10
Your Laboratory SDI	0	0.1	0.1
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	371	100
HBsAg	373	98.9
HCV-Ab	370	99.7

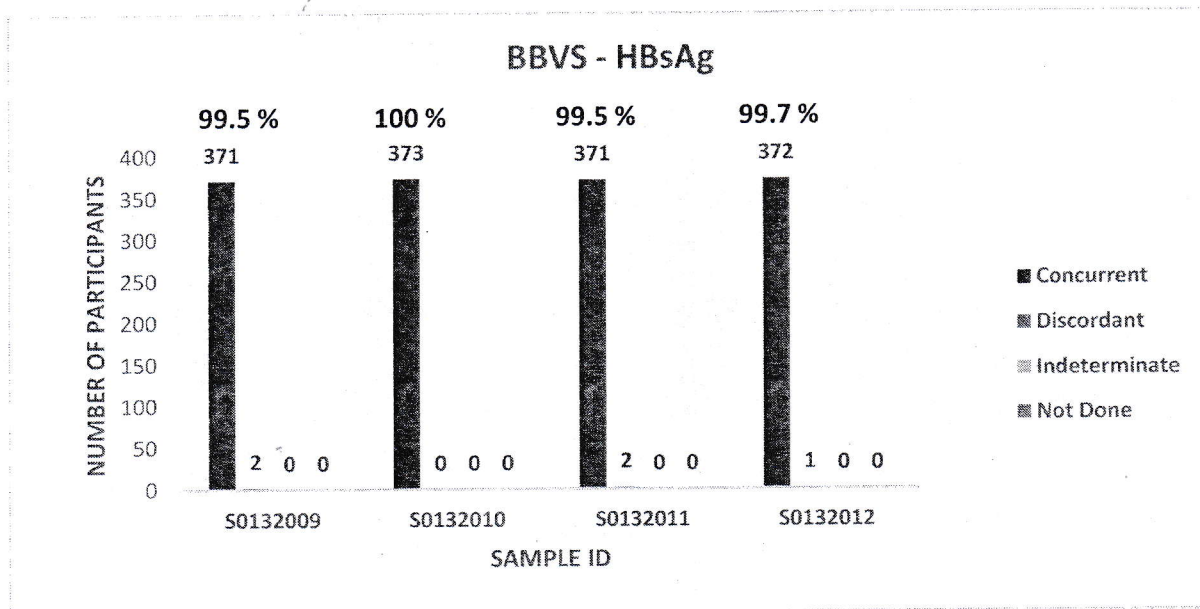
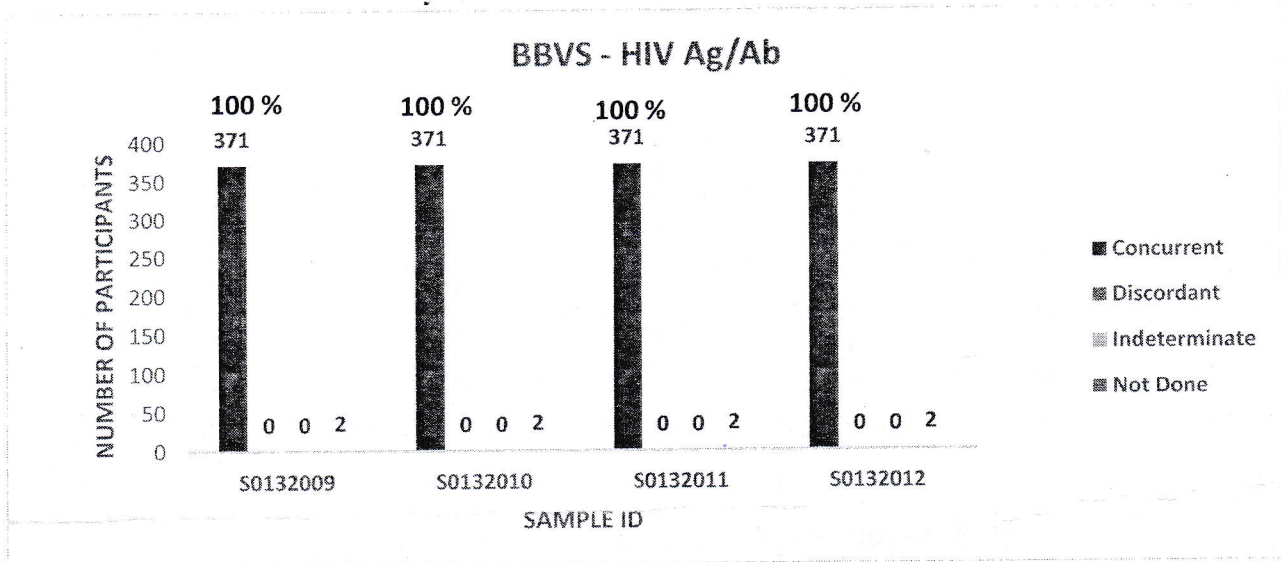


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Performance Graph



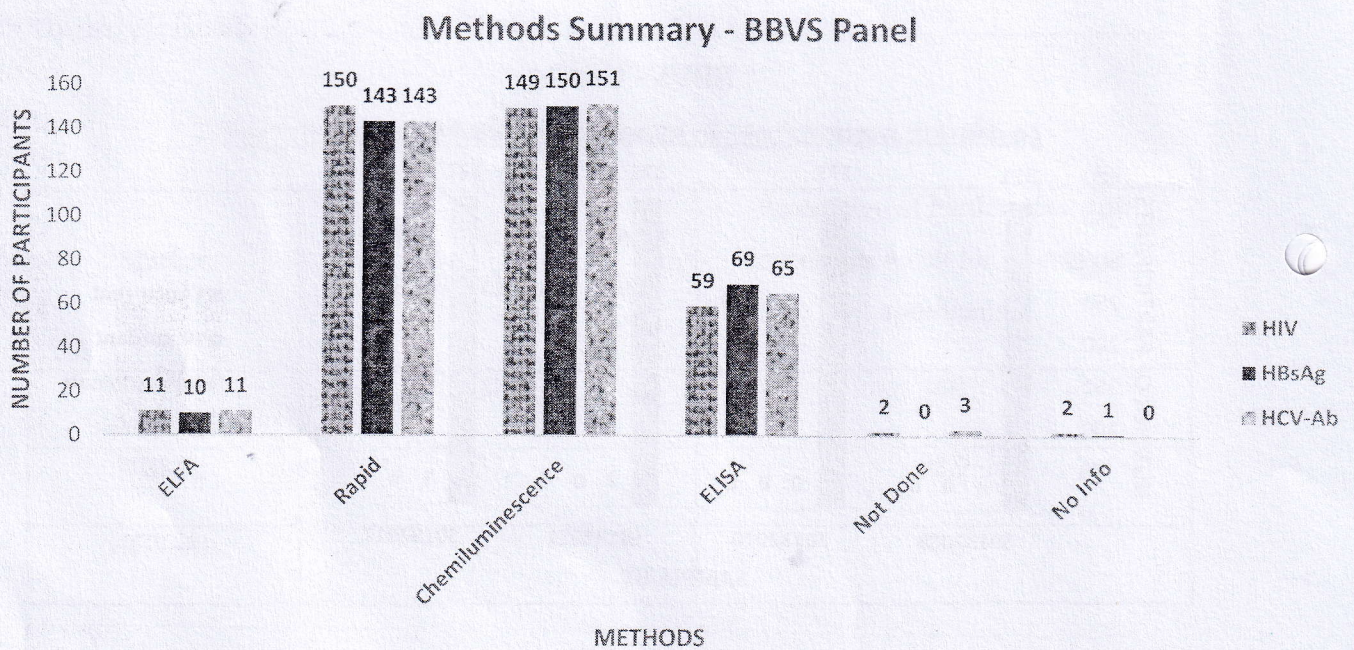
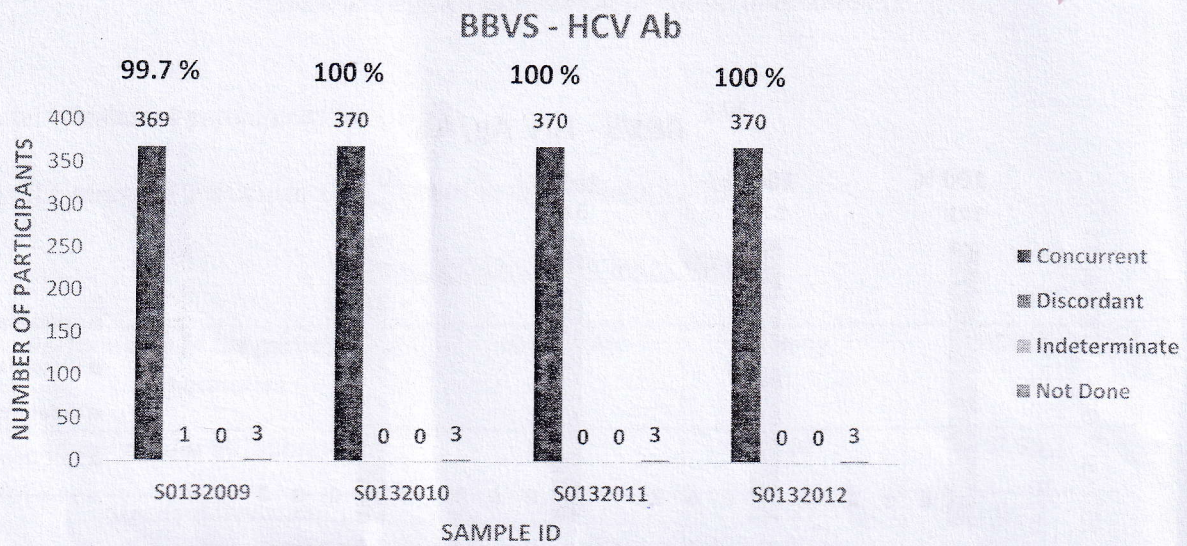


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Comments:

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.

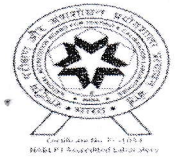
Standard Deviation Index (SDI):

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	± 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: 15-02-2021

Report authorized by: CMCVIROEQAS Coordinator

END OF REPORT

CU3: Isolated from a BLOOD culture of a 40-year-old lady presenting to the OPD with fever and chills.
FINAL IDENTIFICATION: *Klebsiella aerogenes*

Identification details	Reported	Not reported	Evaluation (7 marks)
Microscopy (Gram stain + Motility)	✓		0 0.5 (1)
Salient culture and biochemical findings enabling final identification (Minimum 3 key characteristics)	✓		1 2 3 (4)
Final identification	✓	Genus incorrect*	0.5 1 (1.5) 2

*Refer 106th EQAS explained

Susceptibility report	EXPECTED REPORT		PARTICIPANT REPORT		MARK 10 marks	TYPE OF ERROR
	Zone size (mm)	MIC (µg/ml)	Correct	Incorrect		
Ceftriaxone	≤19	≥4	RESISTANT	✓	-1 0 1 (2)	mE/ ME/ VME
Amikacin	≥17	≤16	Susceptible	✓	-1 0 1 (2)	mE/ ME/ VME
Piperacillin-tazobactam	≤17	≥128/4	RESISTANT	✓	-1 0 1 (2)	mE/ ME/ VME
Meropenem	≥23	≤1	Susceptible	✓	-1 0 1 (2)	mE/ ME/ VME
Ciprofloxacin	≥25	≤0.5	Susceptible	✓	-1 0 1 (2)	mE/ ME/ VME

FEBRUARY 2021 / SEROLOGY

Test method employed for detection C-reactive protein (CRP) at your lab: Turbidimetry
 Peer group (n) = 392

Please refer the attached evaluation format for details on the criteria for evaluation

Parameter	Your Result	Your Value (mg/L)	Intended Result	Robust Mean	Robust SD	Range (mg/L)	Z & 'Z'	Max Marks	Your Score
SE1	Negative	4.12	Negative	2.3108	1.1367	0.0 to 70.50	1.6	2	2
SE2	Negative	3.99	Negative	2.5183	1.0460	0.0 to 55.04	1.4	2	2
SE3	Positive	74.19	Positive	58.3223	11.0118	1.0 to 739.1	1.4	2	2