



PC-1033



112th IAMM EQAS Microbiology: Bacteriology/ Serology

CMC MICRO EQAS

Department of Clinical Microbiology, Christian Medical College, Vellore-632004, Tamil Nadu
Email: eqas@cmcvellore.ac.in, Twitter: @microeqas, Phone: +91-416-2282588

NOVEMBER 2022

112th EQAS EVALUATION REPORT

MEMBER ID:

M 0 5 3 4

Marks Obtained: 66.5/75 (88.7%)

NOVEMBER 2022 / BACTERIOLOGY SMEARS

Question: Carry out the appropriate staining procedure and document the relevant observation.

Provide the Impression or probable organism seen (AS ASKED)

Please refer the attached evaluation format/answer template for details on the criteria for evaluation.

PLEASE NOTE: The inaccuracies in the participant report resulting in deduction of marks has been underlined in the expected smear report.

Exercise Number	Question	Expected Report	Evaluation									
SMI	Please carry out a Gram stain on the given fixed smear prepared from a SPUTUM culture specimen obtained from a 74-year-old gentleman presenting with high-grade fever, cough with rusty sputum for 2 days.	<p>Presence and grading of Host cells (1 mark): Occasional pus cells (0.5), Many epithelial cells (0.5)</p> <p>Description of Organism/s (2marks): ANY 4 MENTIONED (0.5 marks each)</p> <p>Many GNB, GPC pairs, chains, groups, oval budding yeast like organisms with pseudo hyphae, slender non-palisading GPB, moderate GNC groups</p> <p>Interpretation and advice (1 mark): Bartlett criteria or any other accepted criteria applied- (0.5) Improperly collected specimen. (0.25) Suggest repeat appropriately collected specimen for culture (0.25)</p>	<table border="1"> <tr> <td>0</td> <td>0.5</td> <td>1</td> </tr> <tr> <td>1.5</td> <td>2</td> <td>2.5</td> </tr> <tr> <td>3</td> <td>3.5</td> <td>4</td> </tr> </table>	0	0.5	1	1.5	2	2.5	3	3.5	4
0	0.5	1										
1.5	2	2.5										
3	3.5	4										

NOVEMBER 2022 / SEROLOGY

Please refer the attached evaluation format/answer template for details on the criteria for evaluation.

Parameter	Your Interpretation		Intended Result			Max Marks		Your Score
	Correct	Incorrect	STO	STH	Interpretation	STO	STH	
SE1 Widal*	✓		Negative	Negative	Not Suggestive of Enteric Fever / Typhoid Fever	2	2	4

*Negative at 1:20 dilution

Parameter	Your Result	Intended result	Correct	Incorrect	Max Marks	Your Score	
RPR/VDRL	Non-Reactive	Non-Reactive	✓		2	2	
TPHA	Non-Reactive	Non-Reactive	✓		2	2	
Syphilis ELISA	NOT DONE						

SE3: Test method employed for detection C-reactive protein (CRP) at your lab: Nephelometry

Peer group (n) = 144

Parameter	Your Result	Your Value (mg/L)	Intended Result	Robust Mean	Robust SD	Range (mg/L)	Uncertainty of Assigned value	Z & Z' score	Max Marks	Your Score
SE3 CRP	Positive	44.33	Positive	64.7306	10.9065	7.36 to 115.3	1.1361	-1.9	2	2

ser:

This is a confidential document and subject to the rules of confidentiality as described by the ISO 17043:2010 standard.

MEMBER ID:

M 0 5 3 4

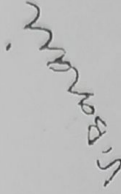
SM1	SM2	SM3	CU1	CU2	CU3	SE1	SE2	SE3	Marks obtained
3	4	3.5	14	15	17	4	4	2	66.5
4	4	4	15	19	19	4	4	2	88.7%
									Maximum marks = 75



Dr. Rani Diana Sahni
Scientific Co-ordinator



Dr. John A Jude Prakash
Quality Manager



Dr. V. Balaji
PT Co-ordinator

Report Dispatch Date: 15.02.23

***** End of Report *****



PC - 1034

Indian Association of Medical Microbiologists
Virology External Quality Assessment Scheme
CMCVIROEQAS, Proficiency Testing Unit, Department of Clinical Virology
Christian Medical College, Vellore-632004, Tamil Nadu
Email: viroeqas@cmcvellore.ac.in Phone: 08438172355

CMCVIROEQAS SEROLOGY CUMULATIVE REPORT FOR THE YEAR 2023

PANEL : BLOOD BORNE VIRAL SCREEN (BBVS)

CMCVIROEQAS ID.: V0439

Report Preparation Date: 20-01-2024

	HIV- Ab/Ag	HBsAg	HCV- Ab	Total
Number of Specimens	12			
Number of tests performed	12	12	12	36
Number of tests reported as not examined	0	0	0	0
Number of specimens not used for analysis	0	0	0	0

Your cumulative score for the specimens you reported : 68 out of the possible total of 72

Performance grading/Comment on cumulative performance : G

Total Number of participants for BBVS : 702

Number of participants participated in 2 or more surveys : 682



PC - 1034

**Indian Association of Medical Microbiologists
Virology External Quality Assessment Scheme
CMCVIROEQAS, Proficiency Testing Unit, Department of Clinical Virology
Christian Medical College, Vellore-632004, Tamil Nadu
Email: viroeqas@cmcvellore.ac.in Phone: 08438172355**

Design of PT scheme:

This PT program is a simultaneous and continuous scheme. Serology panels have 3 cycles in a year. Cumulative report and participating certificate are issued to participants participating in a minimum of 2 cycles in a year.

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.

Performance Grading:

Percent Cumulative Score: The scores obtained by the participants in all three cycles of 2023 was used for grading the participating laboratories. Comment was provided based on the cumulative performance characteristics of the laboratory. Laboratories with a cumulative score of less than or equal to 90% are recommended to perform root cause analysis followed by appropriate corrective and preventive action.

Appeal:

For appeals, regarding result analysis and evaluation process, please contact CMCVIROEQAS coordinator by phone 08438172355 or email viroeqas@cmcvellore.ac.in.

Enquiries: For all communications, please use your CMCVIROEQAS LAB ID and Distribution Number.

END OF REPORT

Name of CMCVIROEQAS Coordinator

Signature

**Dr. Rajesh Kannangai
Department of Clinical Virology
Report Dispatch Date: 24-01-2024**

Report authorized by: CMCVIROEQAS Coordinator

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

The data in this CMCVIROEQAS report is confidential



115th IAMM EQAS Microbiology: Bacteriology/ Serology
CMC MICRO EQAS

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OCTOBER 2023

115th EQAS – EVALUATION REPORT

MEMBER ID:

M 0 5 3 4

Marks Obtained: 52.5/54 (97%)

OCTOBER 2023 / BACTERIOLOGY SMEARS

Question: Carry out the appropriate staining procedure and document the relevant observation.
 Provide the Impression or probable organism seen (AS ASKED)

Please refer the attached evaluation format/answer template for details on the criteria for evaluation.

PLEASE NOTE: The inaccuracies in the participant report resulting in deduction of marks has been underlined in the expected smear report.

Exercise Number	Question	Expected Report	Evaluation									
SM1	Please carry out a Gram stain on the given fixed smear prepared from a BLOOD culture specimen obtained from a 35-year-old lady presenting with fever and chills associated with headache, abdominal pain and constipation since 3 days.	<p>Description of Organism/s (2 mark): Long & short, slender (1) Gram-negative bacilli (1)</p> <p>★ <u>Probable organism</u> (1 mark): <u>Salmonella species</u></p>	<table border="1"> <tr> <td>0</td> <td>0.5</td> <td>1</td> </tr> <tr> <td>1.5</td> <td align="center">2</td> <td>2.5</td> </tr> <tr> <td align="center" colspan="3">3</td> </tr> </table>	0	0.5	1	1.5	2	2.5	3		
0	0.5	1										
1.5	2	2.5										
3												

OCTOBER 2023 / SEROLOGY

Test method employed for detection C-reactive protein (CRP) at your lab: Nephelometry

Peer group (n) = 151

Please refer the attached evaluation format/answer template for details on the criteria for evaluation.

	Parameter	Your Result	Your Value (mg/L)	Intended Result	Robust Mean	Robust SD	Range (mg/L)	Uncertainty of Assigned value	Z & Z' score	Max Marks	Your Score
SE1	CRP	Positive	53.7	Positive	40.86	8.56	0.5 - 520	0.87	1.5	2	2

OCTOBER 2023 / SEROLOGY

Test method employed for detection C-reactive protein (CRP) at your lab: Latex Agglutination

Peer group (n) = 241

Please refer the attached evaluation format/answer template for details on the criteria for evaluation.

	Parameter	Your Result	Your Value (mg/L)	Intended Result	Robust Mean	Robust SD	Range (mg/L)	Uncertainty of Assigned value	Z & Z' score	Max Marks	Your Score
SE2	CRP	Negative	Not reported	Negative			NOT APPLICABLE			2	2

OCTOBER 2023 / SEROLOGY

Test method employed for detection Antistreptolysin O (ASO) your lab: Nephelometry

Peer group (n) = 143

Please refer the attached evaluation format/answer template for details on the criteria for evaluation.

	Parameter	Your Result	Your Value (IU/mL)	Intended Result	Robust Mean	Robust SD	Range (IU/mL)	Uncertainty of Assigned value	Z & Z' score	Max Marks	Your Score
SE3	ASO	Negative	<50.00	Negative	78.79	19.65	7.66 - 347	2.06	-1.5	2	2

Disclaimer:

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MEMBER ID:

M	0	5	3	4
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SM1	SM2	SM3	CU1	CU2	CU3	SE1	SE2	SE3	Marks obtained
2	4	3.5	15	15	7	2	2	2	52.5
3	4	4	15	15	7	2	2	2	Maximum marks = 54



Dr. Rani Diana Sahni
Scientific Co-ordinator

Report Dispatch Date: 26.02.24



Dr. John A Jude Prakash
Quality Manager



Dr. V. Balaji
PT Co-ordinator

***** End of Report *****