



PC-1033

113th IAMM EQAS Microbiology: Bacteriology/ Serology

CMC MICRO EQAS

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FEBRUARY 2023

113th EQAS EVALUATION REPORT

MEMBER ID:

M 1 4 8 9

Marks Obtained: 15.5/17 (91.2%)

FEBRUARY 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		
			0	0.5	1
SMI	Please carry out a Gram stain on the given fixed smear prepared from a BLOOD culture specimen obtained from a 68-year-old gentleman presenting with high grade fever with fatigue, night sweats and joint pains for 10 days.	Description of Organism/s (2marks): Gram-positive (1) spherical cocci arranged in groups (1), (pairs), scattered forms are also seen) Probable organism (1 mark): <u>Staphylococcus spp.</u> (1) <u>(Staphylococcus aureus)</u>	0	0.5	1
			1.5	2	2.5
			3		

SM2	Please carry out a Gram stain on the given fixed smear prepared from an ENDOTRACHEAL ASPIRATE obtained from a 55-year-old gentleman admitted with pneumonia. He has a history of regular alcohol consumption for 20 years.	Presence and grading of Host cells (1 mark): Many pus cells (1) Description of Organism/s (2marks): Many (0.5) (short & long) Gram-negative (1) thick bacilli (0.5) Probable organism (1 mark): Gram negative bacilli - Probably <i>Klebsiella</i> spp (1) Acinetobacter spp/ Hemophilus spp (0.5 marks)	0	0.5	1
			1.5	2	2.5
SM3	Please carry out a Gram stain on the given fixed smear prepared from an CSF specimen obtained from a 6 day old neonate presenting with fever, irritability, poor feeding and vomiting and had one episode of seizures.	Presence and grading of Host cells (1 mark): Many pus cells (1) Description of Organism/s (2marks): Many (0.5) spherical Gram-positive cocci (1) arranged in pairs, chains (0.5) (Few oval cocci resembling <i>Enterococcus</i> spp seen) Probable organism (1 mark): Group B Streptococcus (1) Streptococcus spp/Enterococcus spp (0.5 marks)	3	3.5	4
			0	0.5	1
			1.5	2	2.5
			3	3.5	4

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

SE1: Test method employed for detection C-reactive protein (CRP) at your lab: Latex Agglutination
Peer group (n) = 266

Parameter	Your Result	Your Value (mg/L)	Intended Result	Robust Mean	Robust SD	Range (mg/L)	Uncertainty of Assigned value	Z & Z'	Max Marks	Your Score
SE1 CRP	Negative	Not reported	Negative			NOT APPLICABLE			2	2

SE2: Test method employed for detection Antistreptolysin O (ASO) at your lab: Latex Agglutination
Peer group (n) = 507

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

SE3: Test method employed for detection C-reactive protein (CRP) at your lab: Latex Agglutination
Peer group (n) = 261

Parameter	Your Result	Your Value (mg/L)	Intended Result	Robust Mean	Robust SD	Range (mg/L)	Uncertainty of Assigned value	Z & Z'	Max Marks	Your Score
SE3 CRP	Positive	24	Positive	25.7046	15.4690	6 to 384	1.2778	-0.1	2	2

Disclaimer:

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

MEMBER ID:

M 1 4 8 9

S/M1	S/M2	S/M3	SE1	SE2	SE3	Marks obtained	
2	4	3.5	2	2	2	15.5	91.2%
3	4	4	2	2	2	Maximum marks = 17	

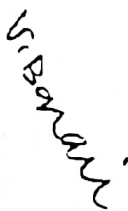


Dr. Rani Diana Sahni
Scientific Co-ordinator

Report Dispatch Date: 15.6.23



Dr. John A Jude Prakash
Quality Manager



Dr. V. Balaji
PT Co-ordinator

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