

PC-1033



115th IAMM EQAS Microbiology: Bacteriology/ Serology
CMC MICRO EQAS
 Department of Clinical Microbiology, Christian Medical College, Vellore-632004, Tamil Nadu
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OCTOBER 2023 MEMBER ID:

M	0	9	4	6
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Marks Obtained: 48/54 (89%)

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.	Description of Organism/s (2 mark): <u>Long & short, slender (1)</u> Gram-negative bacilli (1) ★ <u>Probable organism</u> (1 mark): <i>Salmonella</i> species	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">0</td> <td style="padding: 5px;">0.5</td> <td style="padding: 5px;">1</td> </tr> <tr> <td style="padding: 5px;">1.5</td> <td style="padding: 5px; border: 2px solid black;">2</td> <td style="padding: 5px;">2.5</td> </tr> <tr> <td colspan="3" style="text-align: center; padding: 5px;">3</td> </tr> </table>	0	0.5	1	1.5	2	2.5	3		
0	0.5	1										
1.5	2	2.5										
3												

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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'	Max Marks	Your Score
SE1	CRP	Positive	60	Positive	40.86	8.56	0.5 - 520	0.87	2.2	2	1
SE2	CRP	Negative	03	Negative	1.45	0.65	0.1 - 50	0.06	2.4	2	1

OCTOBER 2023 / SEROLOGY

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

Peer group (n) = 474

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'	Max Marks	Your Score		
SE3	ASO	Negative	Not reported	Negative	NOT APPLICABLE							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 0 9 4 6

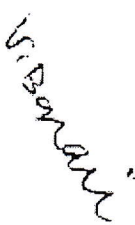
SMI	SM2	SM3	CU1	CU2	CU3	SE1	SE2	SE3	Marks obtained
2	4	3.5	15	13	6.5	1	1	2	48
3	4	4	15	15	7	2	2	2	89%
									Maximum marks = 54



Dr. Rani Diana Sahni
Scientific Co-ordinator



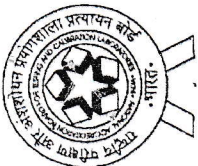
Dr. John A Jude Prakash
Quality Manager



Dr. V. Balaji
PT Co-ordinator

Report Dispatch Date: 26.02.24

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



116th IAMM EQAS Microbiology: Bacteriology/ Serology
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MEMBER ID:

116th EQAS EVALUATION REPORT

FEBRUARY 2024

Marks Obtained: 62/72 (86%)

FEBRUARY 2024 / 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 URINE specimen obtained from a 58-year-old lady presenting with fever and dysuria.	<p>Presence and grading of Host cells (1 mark): Many pus cells</p> <p>Description of Organism/s (2 mark): Many (0.5) Gram negative (0.5) long, thick and short, slender bacilli (1)</p> <p>★ Interpretation (1 mark): Probable case of urinary tract infection.</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										

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FEBRUARY 2024 / SEROLOGY

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

SE1	Parameter	Your Result	Intended result	Correct	Incorrect	Max Marks	Your Score	
		RPR	Non-Reactive	Non-Reactive	✓		2	2
	TPHA	NOT DONE						

Parameter	Your Interpretation		Intended Result				Max Marks		Your Score
	Correct	Incorrect	STO	STH	Interpretation	STO	STH		
SE2	Widal	✓	Negative	Negative	Not Suggestive of Enteric Fever / Typhoid Fever	2	2	4	

SE3: Test method employed for detection C-reactive protein (CRP) at your lab: Others
Peer group (n) = 71

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

Parameter	Your Value (mg/L)	Robust Mean	Robust SD	Range (mg/L)	Uncertainty of Assigned value	Z & Z'	Max Marks	Your Score
SE3	CRP	50	53.17	10.69	23.6 to 85.1	1.58	2	2

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M	0	9	4	6
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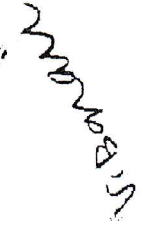
SM1	SM2	SM3	CU1	CU2	CU3	SE1	SE2	SE3	Marks obtained	
4	3	4	14	10	19	2	4	2	62	86%
4	3	4	17	17	19	2	4	2	Maximum marks = 72	



Dr. Rani Diana Sahni
Scientific Co-ordinator



Dr. John A Jude Prakash
Quality Manager



Dr. V. Balaji
PT Co-ordinator

Report Dispatch Date: 31.05.2024

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