



Department of Clinical Microbiology, Christian Medical College, Vellore-632004, Tamil Nadu  
108<sup>th</sup> IAMM EQAS Microbiology, Bacteriology/ Serology  
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NABL ACCREDITED ISO / IEC 17043:2010, PC-1033 / 27.12.2018



JUNE 2021

108<sup>th</sup> EQAS EVALUATION REPORT

MEMBER ID:

M 0 9 4 5

Marks Obtained: 7.5/18 (41.7%)

### JUNE 2021 / 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 report.

Exercise Number	Question	Expected Report	Evaluation			
			0	0.5	1	
SM1	Please carry out a Gram stain on the given fixed smear prepared from a CSF specimen obtained from a 3-year old child presenting at a rural hospital facility with high grade fever and altered sensorium. Mother has defaulted on child's vaccinations.	Presence of host cells & debris (1 mark): <u>Many pus cells</u> Description of Organism/s (2marks): <u>Many (0.5) pleomorphic (0.5) Gram neegative bacilli (1)</u> Probable organism (1 mark): <u>Hemophilus spp</u>	0	0.5	1	
			1.5	2	2.5	
			3	3.5	4	
			3	3.5	4	
SM2	Please carry out a Gram stain on the given fixed smear prepared from an endotracheal aspirate of a 43-year old man admitted in ICU for 5 days with SARS-CoV2.	Presence of host cells & debris (1mark): <u>Moderate pus cells</u> Description of Organism/s (2marks): <u>Many (0.5) Gram negative (1) cocco-bacilli (0.5)</u> Probable organism (1 mark): <u>Acinetobacter spp</u>	0	0.5	1	
			1.5	2	2.5	
			3	3.5	4	
			3	3.5	4	



SMS	Please carry out a Gram stain on the given fixed smear prepared from a sputum specimen of an 82-year old COVID-negative gentleman seen in casualty with fever and breathlessness.	Pus cells: Occasional Epithelial cells: Many ✓ Gram positive cocci in clusters ✓ Gram positive cocci in pairs and chains ✓ Gram positive bacilli in palisade arrangement × Gram positive bacilli in cuneiform arrangement ✓ Gram negative cocci in pairs and clusters ✓ Gram negative bacilli × Gram positive yeast like organisms	0	0.5	1
	Impression/ Comments (1 mark): Excessive salivary contamination. Improperly collected sputum specimen.		1.5	2	2.5
	Name the grading system you used to grade the sputum specimen: not graded		3	3.5	4

**JUNE 2021 / SEROLOGY**

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

Parameter	Your Result	Your Value	Intended Result	Method	Robust Mean	Robust SD	Range	Z & Z'	Max Marks	Your Score
SE1	RA	Negative	Not Reported	Latex Agglutination (n-389)	NA	NA	NA	NA	2	2
SE2	CRP	Positive	Not Reported	Latex Agglutination (n-206)	32.2239	19.8230	6 to 192	NA	2	2

NA: Not Applicable

Parameter	Your Result	Intended result	correct	Incorrect	Max Marks	Your Score
SE3	RPR/VDRL	Reactive		✓	2	0
	TPHA					
	Syphilis ELISA					
NOT DONE						



**Disclaimer:**

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

**MEMBER ID:**

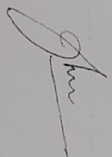
**M 0 9 4 5**

S/M1	S/M2	S/M3	SE1	SE2	SE3	Marks obtained
0.5	0.5	2.5	2	2	0	7.5
4	4	4	2	2	2	Maximum marks = 18

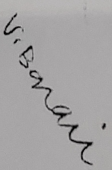


**Dr. Rani Diana Sahni**  
Scientific Co-ordinator

Report Dispatch Date: 30.10.2021



**Dr. John A Jude Prakash**  
Quality Manager



**Dr. V. Balaji**  
PT Co-ordinator

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





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DECEMBER 2020

106<sup>th</sup> EQAS EVALUATION REPORT

MEMBER ID:

M 0 9 4 5

Marks Obtained: 14/18(77.8%)

DECEMBER 2020 / 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 report.

Exercise Number	Question	Expected Report	Evaluation			
			0	0.5	1	
SM1	Please carry out a Gram stain on the given fixed smear prepared from a CSF specimen of a 72-year-old gentleman presenting with high grade fever, headache and vomiting for one day.	Presence of host cells & debris (1mark): Few pus cells Description of Organism/s (2marks): <u>Many (0.5) Gram positive (0.5) lanceolate shaped diplococci (1)</u> Probable organism (1 mark): <u>Streptococcus pneumoniae</u>	0	0.5	1	
			1.5	2	2.5	
			3	3.5	4	
SM2	Please carry out a Gram stain on the given fixed smear prepared from a THROAT specimen of a 6-year old child presenting with a sore throat and fever and malaise for 2 days.	Presence of host cells & debris (1mark): No pus cells Description of Organism/s (2 marks): <u>Many (0.5) Gram positive (0.5) slender club bacilli arranged Chinese letter pattern (1) along with few Gram positive bacilli in palisade arrangement.</u> Possible organism (1 mark): <u>Corynebacterium spp</u>	0	0.5	1	
			1.5	2	2.5	
			3	3.5	4	



SM3	Please carry out a Gram stain on the given fixed smear prepared from a voided URINE specimen of a 66-year-old lady, presenting with frequency and urgency for 2 days.	Presence of host cells & debris (1 mark): Few pus cells, Few epithelial cells Description of Organism/s (2 marks): <u>Many</u> (0.5) Gram positive (0.5) oval yeast like organisms with pseudohyphae (1) Possible organism (1 mark): <u>Candida spp</u>	0	0.5	1
			1.5	2	2.5
			3	<b>3.5</b>	4

**DECEMBER 2020 / SEROLOGY**

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

Parameter	Your Result	Your Value	Intended Result			Method	Robust Mean	Robust SD	Range (mg/L)	Z & Z' score	Max Marks	Your Score	
SE1 RA	Negative	Not reported	Negative			Latex Agglutination (n-385)	NA	NA	NA	NA	2	2	
SE2 WIDAL*	Incorrect	Incorrect	STO Negative	STH Negative	Interpretation Negative	Slide Agglutination	Not Applicable					2	2
SE3 CRP	Positive	Not reported	Positive			Latex Agglutination (n-211)	32.6534	19.9562	6 to 768	NA	2	2	

RA: Rheumatoid Factor, CRP: C-reactive Protein. NA: Not Applicable. \*Expected value is determined by the Proficiency Testing Provider (PTP).



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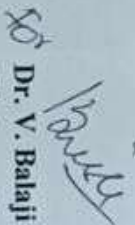
SMT1	SMT2	SMT3	SE1	SE2	SE3	Marks obtained	
3.5	1	3.5	2	2	2	14	77.8%
4	4	4	2	2	2	Maximum marks = 18	



Dr. Rani Diana Sahni  
Scientific Co-ordinator



Dr. John A Jude Prakash  
Quality Manager



Dr. V. Balaji  
PT Co-ordinator

Report Dispatch Date: 28.02.2021

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