104th IAMM EQAS Microbiology: Bacteriology/ Serology
Department of Clinical Microbiology, Christian Medical College, Vellore-632004, Tamil Nadu
Email: eqas@cmcvellore.ac.in   Phone: 0416-2282588

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MARCH 2020

104th EQAS EVALUATION REPORT

MEMBER ID: | M | 0 | 0 | 5 | 8

Marks Obtained: 72/73 (98.6%)

MARCH 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		
SM1	Please carry out a Gram stain on the given fixed smear prepared from a voided URINE specimen of a 63-year old diabetic lady with a history of mild dysuria and increased frequency for 2 days.	Presence of host cells & debris (1 mark): Occasional pus cells, Many epithelial cells.	0	0.5	1
		Description of Organism/s (2marks): Many Gram positive spherical cocci in pairs, chains, groups. Many Gram negative bacilli (slender and thick). Many Gram positive bacilli, Moderate oval budding yeast like organisms.	1.5	2	2.5
		Impression/comment (1 mark): Improperly collected specimen. Suggest repeat appropriately collected mid-stream clean catch specimen for culture.	3	3.5	(4)
SM2	Please carry out a Gram stain on the given fixed smear prepared from an EXUDATE specimen of a 23-year old man presenting with an exudative lesion on the right leg associated with high grade fever, chills and myalgia for 2 days.	Presence of host cells & debris (1mark): Many pus cells.	0	0.5	1
		Description of Organism/s (2 marks): Many Gram positive spherical cocci in pairs and chains.	1.5	2	2.5
		Possible organism (1 mark): Streptococcus species (*Probably S. pyogenes*)	3	3.5	(4)

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Test method employed for detection C-reactive protein (CRP) at your lab: Turbidimetry
Peer group (n) = 320
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' score	Max Marks	Your Score
SE1	CRP	Positive	34.40	Positive	36.7014	8.8178	1 to 312	-0.3	2	2
SE2	CRP	Negative	2.06	Negative	2.1770	1.4239	0.0 to 39.65	-0.1	2	2
SE3	CRP	Positive	11.18	Positive	10.8659	2.9648	0.22 to 241.8	0.1	2	2

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Test method employed for detection Rheumatoid Factor (RF) at your lab: Turbidimetry
Peer group (n) = 237
Please refer the attached evaluation format for details on the criteria for evaluation

	Parameter	Your Result	Your Value (IU/mL)	Intended Result	Robust Mean	Robust SD	Range (IU/mL)	Z & Z' score	Max Marks	Your Score
SE1	RF	Positive	14.6	Negative	11.5177	5.3985	0.0 to 230	0.6	2	2
SE2	RF	Negative	7.0	Negative	6.8716	4.9366	-2.70 to 389.96	0.0	2	2
SE3	RF	Positive	45.3	Positive	45.2702	10.2638	0.0 to 268.8	0.0	2	2