

#### Department of Clinical Microbiology, Christian Medical College, Vellore-632004, Tamil Nadu 106th IAMM EQAS Microbiology: Bacteriology/ Serology Email: eqas@cmcvellore.ac.in Phone: 0416-2282588

DECEMBER 2020

106th EQAS EVALUATION REPORT

NABL ACCREDITED ISO / IEC 17043:2010, PC-1033 / 27.12.2018

MEMBER ID: **™** 4

Marks Obtained:65.5/67(97.8%)

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.

		SM3
days.	old lady, presenting with frequency and urgency for 2	
Possible organism (1 mark): Candida spp	oval yeast like organisms with pseudohyphae (1)	Presence of host cells & debris (Imark): Few pus cells, Few epithelial cells
3	1.5	0
3.5	2	0.5
	2	_ /

# DECEMBER 2020 / BACTERIOLOGY CULTURE:

techniques for each exercise and identify the pathogen. Carry out the antimicrobial susceptibility testing according to the panel given Question: A freeze-dried (lyophilized) culture of an organism isolated from a clinical specimen is given. Carry out the appropriate

Please refer the attached evaluation format for details on the criteria for evaluation.

in the evaluation report below.

A 'partially correct' or 'incorrect' component of the participant report which has resulted in a deduction of marks has been in indicated

infection. CU 1: Isolated from a BLOOD culture of a 58-year-old diabetic admitted with fever and chills for 2 days following a lower urinary tract

## FINAL INDENTIFICATION: Klebsiella aerogenes

rinal identification	(Minimum 3 key characteristics)	Salient culture and biochemical findings enabling final	Microscopy (Gram stain + Motility)	Identification details
		•	<	Reported
NOT EVALUATED	4			Not reported
3D	1 2 3 4		0 0.5 (1)	Evaluation (7 marks)

Suscepti

Ceftria Genta Amil Pip

		Meropenem	Tazobactam	Piperacillin-		Amikacin		Gentamicin		Ceftriaxone			report	Succontibility
	!∆	23	<128/4	≤17 >170/A	≤16	>17	14	>16	14	<10 (Hg/ml		Zone size	EXPEC	A RESIDENCE OF THE PROPERTY OF
- marifulla	Suscentible		Resistant		Susceptible		Susceptible		Resistant		Interpretation		EXPECTED REPORT	
•			< ·	•		,	\	•			Correct	世界の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の	PARTICIPANT REPO	
										1391102	Incorrect	MOLOKI	BEBORE	
-1 0 1(2)		-1 0 1 2		-1 0 1(2)		$-1 \ 0 \ 1(2)$		-1 0 10		10 marks		MARK		
mE/ME/VME		mE/ME/VME		mE/ME/VME	THE VIEW AIME	mF/ME/MA	mE/ME/VME			Error	- THE OF ENROR	TYPE OF EDDOD		

CU2: Isolated from a URINE specimen of a 36-year old gentleman with renal calculi

FINAL IDENTIFICATION: Morganella morganiii

Microscopy (Gram stein 137	Reported	Not reported	Evaluation (7 marks)
Microscopy (Gram stain + Motility)		- 00 1010100	Evaluation (/ marks)
Salient culture and biochom:	<		0 0.5(1)
identification	\ \		
(Minimum 3 key characteristics)	The state of the s		
Final identification			1 2 3(4)
	*		0 0.5 1 1.5(2)
Succeptibility	The second secon	一日 一日 日本	

report		EXPECTED REPORT	D REPORT	PARTICIPANT REPORT	T REPORT	MARK	TVPE OF FREE
	Zone size (mm)	MIC (IIIO/ml)	Interpretation	Correct	Incorrect	10 marks	E ENNON
Cefpodoxime*		(B. W.)					FILOR
Ponoville	•	<b>!</b> ‰	Resistant	4			
Ciprofloxacin	<b>☆1</b>	1				-1 0 1(2)	mE/ME/VME
	!	12	Kesistant	<			
Amikacin	≤14	>64	Posistant			<u> </u>	mE/ME/VME
Pinerodilia			resistant	<		-1 0 10	mE/ME/VAGE
Torober	≤17	≥128/4	Resistant				THE VALL VIVE
razobactam				•		-1 0 1(2)	mE/ME/VME
Meropenem	≤19	<b>¥</b>	Docistant		= = =	(	THE PERSON NAMED IN
*		1	Nesistant	<		-1 0 10	- EINE/VINE
celbodoxi	me Disk Diffusi	ion testing not t	cerpodoxime Disk Diffusion testing not to be done for Morganella morganiii	norogniji		0	THE MEN AIRLE
			I minimo Portion	ווטו צמוווון			

CU3: Isolated as the predominant organism from an EXUDATE specimen of a left lower limb ulcer from a 63-year-old diabetic woman. FINAL IDENTIFICATION: *Proteus mirabilis* 

Identification details	Reported	Not reported	Evaluation (7 marks)
Microscopy (Gram stain + Motility)	~		0 0.5(1)
Salient culture and biochemical findings enabling final identification	•	ri)	1 2 3(4)
(Minimum 3 key characteristics)			
Final identification	<	1000 - 10	0 0.5 1 1.5 (2

Susceptibility		EXPECTED REPORT	REPORT	PARTICIPA	PARTICIPANT REPORT	MARK	TYPE OF ERROR
Por	Zone size (mm)	MIC (µg/ml)	Interpretation	Correct	Incorrect	10 marks	Error
Co-trimoxazole	≥16	≤2/38	Suscentible	<		1010	- E/ME/WAT
	17.0	14100	Susceptible	<		-1 0 1 2	mE/ME/VME
Levofloxacin	≥21	≤0.5	Susceptible	<		-1 0 1(2)	mE/ ME/ VME
Piperacillin- Tazobactam	≥21	≥16	Susceptible	•		-1 0 1(2)	mE/ME/VME
Ertapenem	≥22	≤0.5	Susceptible	<		-1 0 1 (2)	mE/ ME/ VME
Meropenem	≥23	≤1.0	Susceptible	4		-1 0 1 2	mE/ME/VME

### DECEMBER 2020 / SEROLOGY

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

- 1			1		difficult because of
	SE3	SE2		SE1	
BA: Phonestrid F. J. Chr. 8 - (1999)	CRP	SE2 WIDAL* Correct Correct	TOTA	RΛ	Parameter
	Positive	Correct	TAGALIAC	Norotivo	Your Result
0,1	62.7 mg/L	Correct	IU/mL	18.1	Your Value
		STO Negative			
	Positive	Negative Negative	Negative	N	Intended Result
	/e	Interpretation Negative	ve		ĕ
(m 200)	Turbidimetry	Slide agglutination	(n-245)	Turbidimetry	Method
	60.0593		8.5538		Robust Robust Mean SD
	60.0593 10.4966	Not Applicable	4.1086	TABLE TO SEE TO SEE	
177.7	0.08 to	plicable	31.260	0.0 to	Range Z& (mg/L) Z'
	0.3	11 11 11 11 11 11 11 11 11 11 11 11 11	2.3	21036	Z & Z'
	2	2	2		Max Your
	2	2	1.5		Your

id ractor, CRF: C-reactive Protein. NA: Not Applicable. "Expected value is determined by the Proficiency Testing Provider (PTP).

#### Disclaimer:

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

MEMBER ID:

Scientific Co-ordinator Dr. Rani Diana Sahni

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

🔊 Dr. V. Balaji PT Co-ordinator

Report Dispatch Date: 28.02.2021