

Department:	Laboratory and Blood Bank (Microbiology)		
Document:	Internal Policy and Procedure		
Title:	Acinetobacter Screening Test		
Applies To:	All Laboratory Staff		
Preparation Date:	January 02, 2025	Index No:	LB-IPP-088
Approval Date:	January 16, 2025	Version:	2
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1. PURPOSE:

- 1.1 To establish system and set responsibilities for rapid isolation and identification of Acinetobacter.

2. DEFINITONS:

- 2.1 **Acinetobacter** is a genus of Gram-negative bacteria belonging to the wider class of Gammaproteobacteria.

3. POLICY:

- 3.1 To isolate and identify Acinetobacter in screening swabs used for detection of Acinetobacter carriers.
- 3.2 If a delay in transport or processing is anticipated, the specimen should be kept at 4 °C.

4. PROCEDURE:

4.1 Processing of specimen:

- 4.1.1 Direct examination: not indicated

4.2 Culture:

- 4.2.1 Media to be inoculated: Chromogen agar (If available)/ MacConkey's agar
- 4.2.2 Streak sample on media & incubate @ 35±2°C for 24 hours

4.3 Interpretation of culture:

- 4.3.1 Any suspected growth on media will be processed on Vitek 2 system/ Microscan Walk Away for identification.

4.4 Results Reporting:

- 4.4.1 Negative result: Acinetobacter Not Isolated
- 4.4.2 Positive result: Acinetobacter was Isolated

5. MATERIAL AND EQUIPMENT:

- 5.1 Culture media
- 5.2 O2, 35±2°CIncubator
- 5.3 Microscan panels/ Vitek2 system ID & AST cards

6. RESPONSIBILITIES:

- 6.1 Assigned Technician for Microbiology
- 6.2 Clinical Pathology Specialist/ Consultant

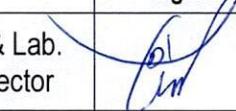
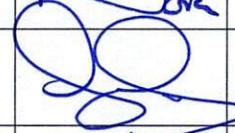
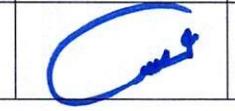
7. APPENDICES:

N/A

8. REFERENCES:

- 8.1 Procedure Manual, Toronto Medical laboratories / Mount Sinai Hospital department of microbiology.
- 8.2 Bailey & Scott's Diagnostic Microbiology. Finegold & Baron; 12th. Ed. 2007, C.V. Mosby Co. p. 301.
- 8.3 Clinical Microbiology Procedures Handbook, American Society of Microbiology, Washington DC, 2005.

9. APPROVALS:

	Name	Title	Signature	Date
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