

Test Menu

TOPIC	DESCRIPTION
Test Name	Carbapenemase Producing Organisms
Other Name (s)	N/A
Analyte(s)	Bacteria
Test Code	2900
Lab location	Jacksonville location
Department	Microbiology
Pre-Approval Required	None
Required Forms	DH1847
Specimen Sources	Pure isolate with resistance to carbapenems as detected by phenotypic testing
Supplemental Information- Special Specimen Preparation	N/A
Minimum Volume	N/A
Storage Conditions	N/A
Collection Media	Pure isolates sent on nutrient agar slant or appropriate media.
Specimen Labeling	Patient name, DOB, Collection date and NPI
Packaging and Shipping Instructions and Handling	Specimens should be shipped at 15-30°C Include paperwork with specimens but separate them physically
Test Methodology	mCIM (Modified carbapenem inactivation method)
Turnaround Time	5 days
Result Indicator	Qualitative: detection of carbapenemase-producing organism
Unsatisfactory Specimen	No patient identification on specimen Name on specimen tube and requisition do not match Specimen damaged or leaked in transit
Interferences and Limitations	Non-viable or mixed/ contaminated isolates may not yield reportable results
Additional Information & Notes	The test determines if the tested bacteria produces or not carbapenemase(s) but does not identify the carbapenemase
Reference Range	Negative- positive
Reference Lab	ARLN TN or CDC
Reflex testing	GeneXpert PCR if positive