

**Test Menu**

TOPIC	DESCRIPTION
<b>Test Name</b>	Carbapenemase Producing Organisms
<b>Other Name (s)</b>	N/A
<b>Analyte(s)</b>	Bacteria
<b>Test Code</b>	2900
<b>Lab location</b>	Jacksonville location
<b>Department</b>	Microbiology
<b>Pre-Approval Required</b>	None
<b>Required Forms</b>	DH1847
<b>Specimen Sources</b>	Pure isolate with resistance to carbapenems as detected by phenotypic testing
<b>Supplemental Information- Special Specimen Preparation</b>	N/A
<b>Minimum Volume</b>	N/A
<b>Storage Conditions</b>	N/A
<b>Collection Media</b>	Pure isolates sent on nutrient agar slant or appropriate media.
<b>Specimen Labeling</b>	Patient name, DOB, Collection date and NPI
<b>Packaging and Shipping Instructions and Handling</b>	Specimens should be shipped at 15-30°C Include paperwork with specimens but separate them physically
<b>Test Methodology</b>	mCIM (Modified carbapenem inactivation method)
<b>Turnaround Time</b>	5 days
<b>Result Indicator</b>	Qualitative: detection of carbapenemase-producing organism
<b>Unsatisfactory Specimen</b>	No patient identification on specimen Name on specimen tube and requisition do not match Specimen damaged or leaked in transit HAI isolates – cancelled if duplicate received within 1 month of previous submission
<b>Interferences and Limitations</b>	Non-viable or mixed/ contaminated isolates may not yield reportable results
<b>Additional Information &amp; Notes</b>	The test determines if the tested bacteria produces or not carbapenemase(s) but does not identify the carbapenemase
<b>Reference Range</b>	Negative- positive
<b>Reference Lab</b>	ARLN TN or CDC
<b>Reflex testing</b>	GeneXpert PCR if positive