

## Test Menu

TOPIC	DESCRIPTION
<b>Test Name</b>	GeneXpert PCR
<b>Other Name (s)</b>	N/A
<b>Analyte(s)</b>	Bacteria
<b>Test Code</b>	2905
<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>	Any clinically relevant source
<b>Supplemental Information- Special Specimen Preparation</b>	N/A
<b>Minimum Volume</b>	N/A
<b>Storage/Transport Conditions</b>	Room temperature shipping.
<b>Collection Media</b>	Nutrient agar slant
<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 within 24-48 hours of isolation. Include paperwork with specimens but separate them physically
<b>Test Methodology</b>	Realtime-PCR by GeneXpert Carba-R cartridges (Cepheid)
<b>Turnaround Time</b>	5 days
<b>Result Indicator</b>	Qualitative: identification of carbapenemase gene marker(s)
<b>Unsatisfactory Specimen</b>	Impure cultures No patient identification on sample Names on sample and requisition slip do not match Specimens damaged or leaked in transit Isolates from the same patient received within 2 months of previous submission will be cancelled
<b>Interferences and Limitations</b>	Non-viable, mixed cultures may not yield reportable results
<b>Additional Information &amp; Notes</b>	The following carbapenemase gene markers are detected by this method: KPC, NDM, IMP, VIM and OXA
<b>Reference Range</b>	Negative-Positive
<b>Reference Lab</b>	ARLN TN and CDC
<b>Reflex testing</b>	WGS for positive samples