



MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT

NOTIFICATION DATE: May 21, 2013

EFFECTIVE DATE: June 10, 2013

KPC (*blaKPC*) AND NDM (*blaNDM*) IN GRAM-NEGATIVE BACILLI, MOLECULAR DETECTION, PCR Test ID: KPNRP

USEFUL FOR: Assessing pure isolates of gram-negative bacilli for mechanism of carbapenem resistance.

METHODOLOGY: Real-Time Polymerase Chain Reaction (PCR) Using LightCycler and Fluorescent Resonance Energy Transfer (FRET).

SPECIMEN REQUIREMENTS:

Collection Container/Tube: Slant

Specimen Volume: Isolate

Collection Instructions:

1. Organism must be in pure culture, actively growing.
2. Place specimen in a large infectious container (Supply T146) and label as an etiologic agent.

Additional Information:

1. **Organism identification and specimen source are required.**
2. See Infectious Material in Special Instructions.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Varies	Ambient (preferred)	
	Refrigerated	

CAUTIONS: This assay should be used for testing of isolates of gram-negative bacilli. Request KNSRP, KPC (*blaKPC*) and NDM (*blaNDM*) Surveillance, PCR if testing directly from rectal/perirectal swabs is desired.

CPT CODE: 87798 x 2

DAY(S) SET UP: Monday through Friday

ANALYTIC TIME: 2 days

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Brandon DeBoom, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710