



**CITY AND COUNTY OF SAN FRANCISCO
PUBLIC HEALTH LABORATORY**
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Test Order

blaKPC and blaNDM PCR

Synonym(s)	<i>Klebsiella pneumoniae</i> Carbapenemase (KPC) gene, New Delhi metallo- β -lactamase 1 (NDM-1) gene
Methodology	Real time PCR for the Carbapenemase genes blaKPC and blaNDM
Acceptable Specimen Type(s) for Testing	Pure isolates belonging to the family <i>Enterobacteriaceae</i>
Transport / Collection Medium	Transport on nutrient agar slant, packaged and sealed according to regulations.
Storage and Preservation of Specimen	Refrigerate until transported to the laboratory. Transport at room temperature.
Minimum Volume Required	N/A
Additional Collection Instructions	N/A
Additional Required Information	Include identification and phenotypic drug sensitivity results with submission.
Send Out?	Yes
Turnaround Time	10 business days (M-F)
Testing Restrictions	Phone consultation may be required.
Requisition Form(s)	http://sfcdcp.org/document.html?id=1036
Limitations / Notes / Disclaimers	Isolate must be resistant to all tested 3rd generation cephalosporins and intermediate (MIC \geq 2 μ g/ml) or resistant to imipenem, doripenem, or meropenem.

Updated 2/10/2017