

Southern Nevada Public Health Laboratory
TEST MENU

Carbapenem Non- Susceptible Bacteria (CARBA-R) Detection

Method	Real-Time reverse-transcription polymerase chain reaction (rRT-PCR) assay
CPT Code	87798 Infectious agent detection by nucleic acid, not otherwise specified; amplified probe technique
Specimen	Rectal or perirectal swab
Collect in	2 Rectal/Perirectal swabs and store into the transport tube. Only Cepheid Collection Device (#900-0370) is approved. The Cepheid collection device kit may be provided by contacting SNPHL at 702-759-1020.
Labeling	Label transport tube with patient's first and last name, date and time of collection
Processing	Indicate specimen source on requisition form.
Transport	Store and transport at room temperature 15- 28°C Refrigerated or Frozen are UNACCEPTABLE
Sample Rejection	- Specimens > 5 days old - No swab or only 1 swab present in the transport tube - Highly soiled swab specimens - Specimen was refrigerated or Frozen - Mislabeled/unlabeled specimen - No requisition form attached
Requisition	SNPHL Request Forms Testing is performed only at the request of SNHD
Turn Around Time	48-72 hours following receipt in our laboratory
Results	IMP, VIM, NDM,KPC and or OXA48 detected or not detected
Reported	System generated fax; Electronic transmission
Note	• This assay specifically detects Carbapenem non susceptible bacteria • It should only be performed on specimens collected from patients who have potentially have the antimicrobial resistance agents. • Do not use medium that may contain Guanidium thiocyanate or any guanidine containing material.
Contact	Southern Nevada Public Health Laboratory – Virology Department