

**Southern Nevada Public Health Laboratory**  
**TEST MENU**

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## **Burkholderia mallei or pseudomallei by qRT-PCR Assay**

<b>Method</b>	Nucleic acid detection by real-time Reverse Transcriptase Polymerase Chain Reaction (qRT-PCR) Centers for Disease Control and Prevention (CDC) FDA approved method
<b>CPT Code</b>	87801 Infectious agent detection by Nucleic Acid (RNA or DNA), Multiple Organisms 83891 Extraction of highly purified nucleic acid
<b>Specimen</b>	Whole blood, serum, and bacterial culture isolates.
<b>Collect in</b>	Evacuated sample collection tube, culture plates or tubes
<b>Labeling</b>	Label with patient's full name, date of birth, collection time and date
<b>Special Notes</b>	Indicate specimen source on requisition form
<b>Transport</b>	Store and transport refrigerated (2-8°C) within 72 hours or freeze (-20 ° C)
<b>Sample Rejection</b>	- Mislabeled/unlabeled specimen - Specimen quantity not sufficient for testing (QNS)
<b>Requisition</b>	<a href="#">SNPHL Request Forms</a> Testing is performed only at the request of SNHD Office of Epidemiology
<b>Turn Around Time</b>	24 hours following receipt in our laboratory
<b>Results</b>	Burkholderia mallei or pseudomallei DNA detected (positive) or not detected (negative)
<b>Reported</b>	System generated fax; Electronic transmission
<b>Note</b>	If inhibitors are present in DNA extraction, PCR assays may produce a false negative result. A false negative result may occur if a sample is improperly collected, transported, or handled. False negative results may occur if inadequate numbers of organisms are present in the sample
<b>Contact</b>	Southern Nevada Public Health Laboratory – Molecular section