



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

Test Title	<i>Burkholderia mallei/pseudomallei</i> (Glanders/Melioidosis)
Sample Requirements	1. Specimen type: See Table 1 below for full listing of specimen types, requirements, special instructions and rejection criteria.
Sampling Materials	1. Sample container: See Table 1 below.
Procedural Notes	<ol style="list-style-type: none">1. Clinical Test Request Form for submitting clinical samples2. Biological Threat Food/Environmental Test Request Form for submitting food, water or environmental samples3. For all samples suspected of containing a biological threat agent contact the IBL Microbiology Section <u>before</u> sample collection and/or submission. TEL: 208-334-22354. See Table 1 below for sample specific procedural notes.5. Refer to ASM Sentinel Laboratory Guidelines for further information: www.asm.org/index.php/guidelines/sentinel-guidelines.
Shipping Instructions	<ol style="list-style-type: none">1. Temperature/preservative instructions: If it is known that material will be transported from 2-24 hours after collection, then store and transport at 2-8°C.2. Package and ship according to Biological Substance, Category B shipping guidelines.3. Ship to: Idaho Bureau of Laboratories ATTN: LRN-B Laboratory 2220 Old Penitentiary Rd Boise, ID 83712
Reporting and Turnaround Time (TAT)	1. TAT: 1-10 business days

Table 1. *Burkholderia mallei/pseudomallei* Sampling Guidelines

Sample type	Sampling materials	Sample collection	Procedural notes	Sample rejection criteria
Bone marrow	Appropriate blood culture bottle	Collect directly into an appropriate blood culture bottle.	Considered best specimen for culture	Unlabeled or improperly packaged specimens that are leaking or otherwise compromised
Whole blood				
Sputum or bronchoscopically obtained specimens	Sterile, non-glass, leak proof, container	Collect expectorated specimen into sterile transport cup or collect during bronchoscopy procedure.		
Tissue specimens (biopsies, abscess aspirates)	Sterile, non-glass, leak proof, container	Tissue pieces (at least the size of a pea) should be collected and kept moist.		
Wound swabs	Sterile swab with transport medium (e.g., Amies charcoal)	As per standard procedures for submitter's facility		
Urine	Sterile, non-glass, leak proof, container	Collect at least 1 mL into leak proof container.		
Clinical isolates	Slant with non-selective media such as trypticase soy agar or chocolate agar	Inoculate slant with a single, isolated colony.	Organisms submitted for rule out testing should have been first screened using ASM Sentinel Laboratory Guidelines.	
Water or environmental	Contact Idaho Bureau of Laboratories <u>before</u> sample collection or submission.			