



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

Test Title	<i>Brucella species (Brucellosis)</i>
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	1. Clinical Test Request Form for submitting clinical samples 2. Biological Threat Food/Environmental Test Request Form for submitting food, water or environmental samples 3. For all samples suspected of containing a biological threat agent contact the IBL Microbiology Section <u>before</u> sample collection and/or submission. TEL: 208-334-2235. 4. See Table 1 below for sample specific procedural notes.
Shipping Instructions	1. Temperature/preservative instructions: Transport at room temperature. 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. Preliminary results: 1-3 business days 2. Final results: 1-10 business days

Table 1. *Brucella* spp. 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.	Best specimen for culture, but can be limited in chronic cases	Unlabeled or improperly packaged specimens that are leaking or otherwise compromised
Blood				
Joint or abdominal fluid	Appropriate blood culture bottle	Collect directly into an appropriate blood culture bottle.		
Spleen or liver abscesses	Sterile, non-glass, leak-proof, container	Tissue pieces (at least the size of a pea) should be collected and kept moist.	Transport in sterile container at room temperature within 1 hour of collection.	
Serum	Blood collection tube without anticoagulant	Collect at least 1 mL for serologic diagnosis.	Collect acute specimen as soon as possible after onset. Collect convalescent specimen >14 days after the acute specimen.	
Clinical isolates	Slant preferably with 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.	
Food, water, or environmental	Contact Idaho Bureau of Laboratories <u>before</u> sample collection or submission.			