



IDAHO DEPARTMENT OF HEALTH & WELFARE  
**DIVISION OF PUBLIC HEALTH**

Test Title	<i>Coxiella burnetii</i> (Q Fever)
<b>Sample Requirements</b>	1. Specimen type: See Table 1 below for full listing of specimen types, requirements, special instructions and rejection criteria.
<b>Sampling Materials</b>	1. Sample container: See Table 1 below.
<b>Procedural Notes</b>	<ol style="list-style-type: none"><li>1. <a href="#">Clinical Test Request Form</a> for submitting clinical samples</li><li>2. <a href="#">Biological Threat Food/Environmental Test Request Form</a> for submitting food, water or environmental samples</li><li>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</li><li>4. See Table 1 below for sample specific procedural notes.</li><li>5. Refer to ASM Sentinel Laboratory Guidelines for further information: <a href="http://www.asm.org/index.php/guidelines/sentinel-guidelines">www.asm.org/index.php/guidelines/sentinel-guidelines</a>.</li></ol>
<b>Shipping Instructions</b>	<ol style="list-style-type: none"><li>1. Temperature/preservative instructions: See Table 1 below.</li><li>2. Package and ship according to Biological Substance, Category B shipping guidelines.</li><li>3. Ship to: Idaho Bureau of Laboratories <b>ATTN: LRN-B Laboratory</b> 2220 Old Penitentiary Rd Boise, ID 83712</li></ol>
<b>Reporting and Turnaround Time (TAT)</b>	1. TAT: Presumptive results: 1-3 business days

Table 1. *Coxiella burnetii* Sampling Guidelines

Sample type	Sampling materials	Sample collection	Procedural notes	Sample rejection criteria
Blood	Blood tubes containing EDTA (lavender) or sodium citrate (blue)	As per standard procedures for submitter's facility	Maintain at 4°C for storage and shipping for PCR or special cultures.  If possible, collect specimens prior to antimicrobial therapy.	Unlabeled or improperly packaged specimens that are leaking or otherwise compromised
Tissue, body fluids, and others, including cell cultures and cell supernatants	Sterile, non-glass, leak-proof, container	As per standard procedures for submitter's facility	Maintain at 2 to 8°C and transport within 24 hours.  Store biopsies for PCR or immunohistochemical staining frozen at minus 70°C or on dry ice.	
Serum	Red-top or serum separator tube (SST), tiger-top tube	As per standard procedures for submitter's facility	Acute phase: Collect serum as soon as possible after onset.  Convalescent phase: Collect a follow-up specimen at ≥14 days.  Separate and store serum frozen until testing.	
Water, Food, or Environmental	Contact Idaho Bureau of Laboratories <u>before</u> sample collection or submission.			