



**SAN MATEO COUNTY PUBLIC HEALTH LABORATORY
TEST INFORMATION**

Section: Microbiology

Test Name: Yersinia enterocolitica Culture - Isolation

Test Includes: Conventional biochemicals	
<i>Reporting</i>	
Results Available: 4-14 days	Contact Number: (650) 573-2500
<i>Reference</i>	
Method: Conventional biochemicals, serogrouping	
Turnaround Time: 4-14 days	Reference Range: No <i>Yersinia</i> species isolated.
Limitations: Isolation of <i>Yersinia</i> is dependent on viable organisms. Stool specimens should be collected prior to antimicrobial therapy.	Interpretation: No <i>Yersinia</i> isolated means that no detectable (viable) organisms are in the specimen submitted.
<i>Specimen Requirements</i>	
Specimen Collection: Fresh stool	Sample Type: Stool; blood
Volume/Amount Required: >10 ml liquid stool; > 20 g solid or semi-solid stool.	Preferred Specimen: Fresh stool <24 hours old; Rectal swab submitted in Cary-Blair, Stuart's or Amies transport.
Collection/Preservation: Collect in bedpan or other clean receptacle. Do not collect from toilet. Place sample in enteric transport vial. Do not remove preservative. Mix specimen with preservative. Do not overfill past line on container. Deliver to lab immediately or store in refrigerator until delivery. Collect blood in blood culture bottle.	Storage Instructions: Store stool at 2-8° C (refrigerator). Do not freeze. Blood kept at room temperature.
Causes for Rejection: Unpreserved stool >24 hours old.	Sample Container: Enteric transport container. Blood culture bottle.
Sample Test Kit: Enteric transport container.	Availability: Monday-Friday Outbreak situations prior arrangements – Saturday and Sunday.
Diagnostic Information: Intestinal yersiniosis may present in three clinical forms: enteritis, terminal ileitis or mesenteric lymphadenitis causing "pseudoappendicitis," and septicemia.	
<i>Specimen Submission</i>	
Request Form: Standard request form or electronically through Invision interface.	Specimen Handling: Handle body fluids using Universal Precautions. Infectious agent Biosafety Level 2.
Transport Temperature: 2-8° C	Shipping Requirements: Hand delivered.
<i>Billing</i>	
CPT Code(s): 87045/87046/87077	Fees: \$35.00.00
Effective Date: June 15, 2011	