



# Enteric Pathogens

*(Salmonella, Shigella, E. coli O157:H7, Campylobacter, Yersinia, Vibrio, Bacillus, Staphylococcus)*

## Test Description

A stool sample is collected in Cary-Blair transport medium and tested for Escherichia coli O157:H7, Salmonella, and Shigella by culture-based assays including broth enrichment. The testing consists of preparing a stool suspension, inoculation of culture media with the suspension, and the identification of the particular pathogens using various biochemical and serological procedures. Isolates of the enteric pathogens are submitted to the Pennsylvania Department of Health for confirmatory testing and fingerprinting studies when indicated.

## Specimen Collection/Transport conditions

- Stool sample
  - Temperature: Refrigerated (2-8 °C)
  - Specimen Submission: Specimen must be received as soon as possible after collection
  - Container: Sterile specimen container with 15 mL Cary-Blair transport medium

## Laboratory Unit

Bacteriology

## Methodology

Culture

## Acceptable Specimen Type(s)

Stool sample



## ALLEGHENY COUNTY PUBLIC HEALTH LABORATORY

3901 Penn Ave, Building 8  
Pittsburgh, PA 15224  
412.578.8070

### **Test Request**

Coming Soon

### **Possible Results:**

- Present
- Absent

### **Reference Range**

Absent

### **Rejection Criteria**

- Unreadable/missing/insufficient labeling
- Wrong specimen collection kit
- Expired specimen collection kit
- Storage/transportation requirements not met
- Leaking or contaminated specimen transport container
- Quantity not sufficient
- Specimen too old
  - Collected in acceptable kit but did not submit within appropriate time window
- Improperly collected specimen
- Specimen not inoculated/ no specimen submitted

### **Result Reported**

2-14 days

### **LOINC Code(s)**

5842-0