

STOOL MOLECULAR & CULTURE

Orderable – STLC

Turnaround Time: 2 days

Alternate Name(s):

Faeces Culture

Specimen Type and Collection Information:

Samples are batched and results are reported as they become available. Routine testing is restricted to outpatients and inpatients who have been hospitalized less than 72 hours.



Laboratory:
Microbiology




Requisition:
Electronic Order



Method of Analysis:
Molecular / culture



Test Schedule:
Twice Daily

Specimen	Collection Information	Collection Device
Stool Colostomy or Ileostomy contents	<p>Have patient pass stool into a clean, dry bedpan or special container mounted to toilet.</p> <p>Transfer portion of stool (5 mL/1 gram) to fill to the line on the enteric transport device. Select portion containing mucous, blood or pus to the enteric transport media.</p> <p>Avoid contamination with urine.</p>	

Avoid the use of mineral oil, compounds containing Kaolin or barium, bismuth, Milk of Magnesia, antacids, prior to collection.

Special Processing:

- If *Aeromonas* or *Plesiomonas*, is suspected, specify this in the **Specimen Description** field when placing the order in PowerChart.
- If food or waterborne outbreaks are suspected, indicate this on the request. For [Clostridioides \(Clostridium\) difficile toxin₂](#), see separate listing in Lab Test Information Guide. For all other requests, consult with the Microbiologist on call 19000
- If patients in the Neonatal Unit are suspected of Necrotizing Syndrome or colonization specify this in the **Specimen Description** field when placing the order in PowerChart.



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Comments:

1. **Adults:**

The laboratory routinely screens for *Campylobacter jejuni/coli*, Shiga-toxin producing *E. coli*, *Salmonella* and *Shigella*/Enteroinvasive *E. coli*.

Note: if *Yersinia* is suspected, please indicate when ordering.

2. **Children:**

The laboratory routinely screens for *Campylobacter jejuni/coli*, Shiga-toxin producing *E. coli*, *Salmonella*, *Shigella*/Enteroinvasive *E. coli* and *Yersinia enterocolitica*.

If other pathogens are suspected due to patient history or travel etc., please discuss with the Microbiologist on-call and notify the laboratory in advance.

Some tests may be referred to Public Health Laboratory.

Stool cultures submitted on inpatients admitted for more than 72 hours (adults)/96 hours (pediatric) will not be processed. Contact the Microbiologist on-call if testing is required.

Storage and Shipment:

The specimen must be refrigerated if collected in a sterile container.

The specimen must be stored at room temperature if collected in enteric transport media.

The specimen must be received within 24 hours of collection.