

**TEST CHANGE**

**E. coli Shiga-like Toxin by EIA**

0060047, ECSLT AG

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Stool  
~~Stool. OR actively growing isolate of E. coli, in pure culture.~~

**Specimen Preparation:** ~~Stool:~~ Place 5 mL stool in enteric transport media (Cary-Blair) (ARUP Supply #29799) immediately after collection. Available online through eSupply using ARUP Connect(TM) or contact ARUP Client Services at 800-522-2787. (Min: 1 mL) ~~(800) 522-2787. (Min: 1 mL)~~ E. coli Isolate: Transport sealed container with pure culture on agar slant or on a swab in bacterial transport media. Place each specimen in an individually sealed bag.

**Transport Temperature:** Stool: Refrigerated. ~~E. coli Isolate: Room temperature.~~

**Unacceptable Conditions:** Specimens ~~or isolates from sources~~ other than stool.

**Remarks:**

**Stability:** Stool in enteric transport media ~~Transport Media:~~ Ambient: 1 hour; Refrigerated: 72 hours; Frozen: 1 week ~~E. coli Isolate: Ambient: 1 week; Refrigerated: 1 week; Frozen: Unacceptable~~

**Methodology:** Qualitative Enzyme-Linked Immunosorbent Assay (ELISA) ~~Immunoassay~~

**Performed:** Sun-Sat

**Reported:** 1-2 days

**Note:** This test will identify the presence of E. coli Shiga-like toxin, however it cannot determine specific of strains of E. coli. (e.g., E. coli O157:H7)

**CPT Codes:** 87427

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

By report.

**Reference Interval:**

Negative

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