

## Shiga-toxin (+) Broth Culture

<b>Test Description</b>	Detection of Shiga Toxins I and II (verotoxins) from stool broth cultures
<b>Test Use</b>	To confirm the presence of enterohemorrhagic <i>Escherichia coli</i> (EHEC) in stool enrichment broths that have tested positive for the presence of shiga toxin; to recover shiga-toxin producing isolates for epidemiological characterization.
<b>Test Department</b>	Microbiology Phone: (860) 920-6596 FAX: (860) 920-6721
<b>Methodology</b>	Enzyme-immunoassay (EIA)
<b>Availability</b>	Daily, Monday-Friday
<b>Specimen Requirements</b>	Stool specimen inoculated into GN or Selenite media Freshly passed stool specimen collected early in the course of the disease
<b>Collection Kit/container</b>	Stool specimens must be transferred into Cary Blair transport media. To obtain a collection kit, refer to Collection Kit Ordering Information.
<b>Specimen Handling &amp; Transport</b>	Store broth at 2-8° C. Transport specimen at ambient temperature. Avoid temperature extremes.
<b>Unacceptable Conditions</b>	Unlabeled specimens Specimens that have leaked or containers that have broken in transit Specimens received in expired media
<b>Requisition Form</b>	Clinical Test Requisition (select <b>Shiga-toxin (+) Broth Culture</b> )
<b>Required Information</b>	Name and address of submitter (and/or Horizon profile #) Patient name or identifier, town of residence (city, state, zip), date of birth Specimen type or source of collection, date collected, and test requested Please ensure patient name on the requisition matches that on the specimen.
<b>Additional Comments</b>	A positive result may also be obtained by the presence of toxin produced by <i>Shigella dysenteriae</i> type 1 strains or other organisms.

Revision: 8/25/15