

Southern Nevada Public Health Laboratory
TEST MENU

Stool culture for bacterial pathogens only

Method	Culture for bacterial pathogens Enzyme Immunosorbent Assay (EIA) for STEC
CPT Code	87045 Culture for <i>Salmonella and Shigella</i> 87046x3 Culture for <i>STEC, Campylobacter, Yersinia</i> 87427 EIA for STEC
Specimen	Stool (random, fresh) in a clean container. Specimens collected in fecal transport media or rectal swabs are acceptable. Required specimen volume: >5ml stool, 5 gm or one swab Minimum specimen volume: 5ml stool, 2 g or one swab
Collect in	Stool sample: clean container or fecal transport media Rectal swab: fecal transport media
Labeling	Label with patient's full name, date of birth, collection time and date
Transport	Store refrigerated (2-8°C) and ship at room temperature
Sample Rejection	<ul style="list-style-type: none"> - Specimens >24 hours old not in transport media; >48 hours old in transport media - Frozen sample - Multiple specimens collected on the same day - Sample submitted on diaper or tissue paper - Mislabeled/unlabeled specimen - Specimen quantity not sufficient for testing (QNS)
Requisition	SNPHL Request Forms Testing is performed only at the request of SNHD Office of Epidemiology
Turn Around Time	Usually within four days of receipt in the laboratory
Results	Enteric pathogen isolated (name) or Altered flora present- predominant growth (name) or No Shigella, Salmonella, Yersinia, Campylobacter or STEC isolated—negative, positive
Reported	System generated fax; Electronic transmission
Note	<ul style="list-style-type: none"> - Stool specimen should be collected in a clean container, not contaminated with urine, residual soap or disinfectants - If using fecal transport media, do not fill beyond red line (“Add specimen to this line”). Mix well with transport medium (instruction sheet enclosed with collection kit). Do not use transport media past the expiration date printed on the label (i.e. EXP 11/2023) - Those portions or stool which contain pus, blood or mucous should be transferred to a clean specimen container or transport media.
Contact	Southern Nevada Public Health Laboratory – Microbiology Department