

### APPENDIX 2: Stool Specimen & Enteric Organism Transport

If unsure about specimen or transport procedures, please call Scientific Laboratory Division (SLD) at (505) 383-9128 or (505) 383-9124, or Infectious Disease Epidemiology Bureau at (833) 796-8773.

#### Bacteriology

<i>Bacillus cereus</i> Culture	Description:	Isolation and identification of <i>Bacillus cereus</i> call (505) 383-9127/9128, may require send-out to the CDC
	Specimen:	Send stool specimen in Enteric Transport Kit or place in container without preservative. Refrigerate, do not freeze.
<i>Campylobacter jejuni</i> Culture	Description:	Isolation of <i>Campylobacter</i> from feces.
	Specimen:	Send stool in Enteric Transport Kit. Refrigerate. Must be in preservative and received at SLD within 48 hours of collection. May be tested by BioFire panel, PCR multiplex (availability based on supply and funding). Please contact SLD Bureau Chief at (505) 383-9122.
<i>Clostridium perfringens</i> Toxin	Description:	Identification of <i>Clostridium perfringens</i> through culture, Toxin through a toxin assay (sent to CDC). Consult Scientific Laboratory Division-General Microbiology at (505) 383-9127/9128.
	Specimen:	Send bulk stool specimen in container with or without preservative. Must be refrigerated.
<i>Escherichia coli</i> 0157:H7 and Shiga Toxin test/isolation	Description:	Isolation and identification of Shiga-toxin producing <i>Escherichia coli</i> 0157:H7 and non-O157 from clinical specimens.
	Specimen:	Send stool specimens in Enteric Transport Kit. Must be in preservative and refrigerated. Must be received at SLD within 48 hours of collection. May be tested by BioFire panel, PCR multiplex (availability based on supply and funding). Please contact SLD Bureau Chief at (505) 383-9122.
<i>Salmonella</i> Culture	Description:	Isolation and serotyping of <i>Salmonella</i> .
	Specimen:	Send stool specimen in Enteric Transport Kit. Must be in preservative, refrigerated, and received at SLD within 48 hours of collection. May be tested by BioFire panel, PCR multiplex (availability based on supply and funding). Please contact SLD Bureau Chief at (505) 383-9122.
<i>Salmonella</i> Serotyping	Description:	Serological/genotype identification of all confirmed <i>Salmonella</i> isolates for epidemiologic purposes. Test performed automatically if <i>Salmonella</i> is identified.
	Specimen:	See <i>Salmonella</i> culture, specimen.
<i>Shigella</i> Culture	Description:	Isolation and serotyping of <i>Shigella</i> .
	Specimen:	Send stool specimen in Enteric Transport Kit. Must be in preservative, refrigerated, and received at SLD within 48 hours of collection. May be tested by BioFire panel, PCR multiplex (availability based on supply and funding). Please contact SLD Bureau Chief at (505) 383-9122.
<i>Shigella</i> Serotyping	Description:	Serological/ genotype identification of all confirmed <i>Shigella</i> isolates for epidemiologic purposes. Test performed automatically if <i>Shigella</i> is identified
	Specimen:	See <i>Shigella</i> culture, specimen.
<i>Staphylococcus</i> Culture	Description:	Isolation and identification of <i>Staphylococcus aureus</i> from fecal specimens. May require send-out to the CDC. Call (505) 383-9127/9128

	Specimen:	Send stool specimen in Enteric Transport Kit or place in clean container without preservative, within 48 hours of collection, refrigerated.
<i>Yersinia enterocolitica</i> Culture	Description:	Isolation and identification of <i>Yersinia enterocolitica</i> through culture. Call (505) 383-9127/9128.
	Specimen:	Send stool specimen in Enteric Transport Kit. Must be refrigerated and received at SLD within 48 hours of collection. May be tested by BioFire panel, PCR multiplex (availability based on supply and funding). Please contact SLD Bureau Chief at (505) 383-9122.

### Parasitology

Fecal parasites including Cryptosporidium	Description:	Exam for the detection of intestinal parasites by polymerase chain reaction (PCR) and/or conventional methods (CDC send out).
	Specimen:	Send stool specimen in Enteric Transport kit within 48 hours of collection. May be tested by BioFire panel, PCR multiplex (availability based on supply and funding). Please contact SLD Bureau Chief (505) 383-9122, or General Microbiology (505) 383-9128.
<i>Giardia lamblia</i>	Description:	Detection of <i>Giardia lamblia</i> antigen through enzyme-immunoassay (EIA), PCR, or by microscopic exam (CDC send out).
	Specimen:	Send stool in Enteric Transport Kit within 48 hours of collection. May be tested by BioFire panel, PCR multiplex (availability based on supply and funding). Please contact SLD Bureau Chief at (505) 383-9122. or General Microbiology at (505) 383-9128.

### Virology

Norovirus and other caliciviruses	Description:	Identification of virus by amplification utilizing polymerase chain reaction (PCR).
	Specimen:	Stool and/or vomitus collected in clean container (no preservative). Refrigerate or freeze. Can be delivered to SLD up to one week after collection, and must be tested within 14 days of collection. Samples may also be collected in Cary-Blair transport media. If using Cary-Blair, sample should be refrigerated, not frozen. Call SLD-Virology (505) 383-9124/9125 prior to transport.

**Enteric Transport Kit:** For stool culture. Includes 6 X 10 plastic bag, cheesecloth, paraffin strip, Cary-Blair medium/preservative, instruction sheet and General Clinical Request Form. Keep refrigerated and ship in Styrofoam container with cold pack.

To order, send email to [DOH-SLD-KitPrep@doh.nm.gov](mailto:DOH-SLD-KitPrep@doh.nm.gov)

**Sterile containers for fresh stool:** For Norovirus and other caliciviruses. May be used for *Clostridium perfringens*, *Bacillus cereus*, or *Staphylococcus aureus* culture and toxin (send out). Keep refrigerated and ship in Styrofoam container with cold pack.

More detailed collection instructions are available at <https://nmhealth.org/about/sld/>. Click on Biological Sciences Bureau (BSB), Directory of Services.