

APPENDIX 2: Stool Specimen & Enteric Organism Transport

If unsure about specimen or transport please call Scientific Laboratory Division (SLD) at 505-383-9128 or 505 383-9124, or Epidemiology and Response Division at 505-827-0006

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.
<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.
<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.
<i>Salmonella</i> Serotyping	Description:	Serological 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.
<i>Shigella</i> Serotyping	Description	Serological 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.
<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 in preservative, refrigerated, and received at SLD within 48 hours of collection.

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. SLD does not currently test. 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. SLD does not currently test. Contact SLD Bureau Chief, 505 383-9122 or General Microbiology (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. Can be delivered to SLD up to one week after collection. 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@sld.state.nm.us

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, directory of services.