
Reporting Title: Ova and Parasite, Microscopy, Varies**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus**Ordering Guidance:**

If specimens are suspected of containing tapeworm segments or other adult worms or worm segments, place the suspected worm in 70% alcohol and order PARID / Parasite Identification, Varies.

If microsporidia are suspected:

-For non-stool/non-urine specimen, order MTBS / Microsporidia Stain, Varies

-For feces or urine, order LCMSP / *Microsporidia* species, Molecular Detection, PCR, Varies

If pinworm is suspected, order PINW / Pinworm Exam, Perianal. Perianal skin sampling using clear cellophane tape or a SWUBE device is required for this test.

Urine specimens should be sent for SHUR / *Schistosoma* Exam, Random, Urine or TVRNA / *Trichomonas vaginalis*, Nucleic Acid Amplification, Varies as applicable.

If scabies is suspected, submit skin scrapings and order PARID / Parasite Identification, Varies.

For preserved stool analysis, order OPE / Ova and Parasite, Travel History or Immunocompromised, Feces.

Necessary Information:

1. Specify on the order if a specific parasite is suspected.
2. Indicate source on the label of the specimen.

Specimen Requirements:**Submit only 1 of the following specimens:****Specimen Type:** Bile**Container/Tube:** Sterile container**Specimen Volume:** Entire collection**Specimen Stability Information:** Refrigerate 5 days**Specimen Type:** Bone marrow**Container/Tube:** Lavender top (EDTA) and/or slides**Specimen Volume:** 4 mL EDTA and/or 1 slide (unstained preferred)**Collection Instructions:**

1. Bone marrow and/or slides will be accepted for this test.
2. If submitting slides with EDTA tube, label and bag specimens together. Send refrigerate as one collection.

Specimen Stability Information: Refrigerate 5 days**Specimen Type:** Colonic washing**Container/Tube:****Preferred:** ECOFIX preservative**Acceptable:** 10% Buffered formalin AND zinc polyvinyl alcohol (Zn PVA) (one vial of each)**Specimen Volume:** at least 2 mL

Collection Instructions:

1. Place specimen into preservative within 30 minutes of collection.
2. Follow instructions on the container as follows:
 - a. Colonic washings should be placed into ECOFIX preservative vial (or 10% formalin and Zn-PVA vials) in a ratio of 1 part preservative:1 part specimen. Some preservative may need to be removed from the vial to maintain this ratio.
 - b. Place washings into vial, twist the cap tightly closed, and shake vigorously until the contents are well mixed.
 - c. Do not fill above the fill line indicated on the preservative container.

Specimen Stability Information: Ambient (preferred)/Refrigerate 5 days**Specimen Type:** Duodenal aspirate**Preferred:** ECOFIX preservative**Acceptable:** 10% Buffered formalin AND Zn PVA (one vial of each)**Specimen Volume:** at least 2 mL**Collection Instructions:**

1. Place specimen into preservative within 30 minutes of collection.
2. Follow instructions on the container as follows:
 - a. Duodenal aspirate should be placed into ECOFIX preservative vial (or 10% formalin and Zn-PVA vials) in a ratio of 1 part preservative:1 part specimen. Some preservative may need to be removed from the vial to maintain this ratio.
 - b. Place washings into vial, twist the cap tightly closed, and shake vigorously until the contents are well mixed.
 - c. Do not fill above the fill line indicated on the preservative container.

Specimen Stability Information: Ambient (preferred)/Refrigerate 5 days**Specimen Type:** Spinal fluid**Container/Tube:** Sterile container**Specimen Volume:** At least 1 mL**Specimen Stability Information:** Refrigerate 5 days**Specimen Type:** Fluid, abscess, drainage material**Sources:** Abdominal, ascites, brain, cyst (must specify anatomical location of cyst), liver, lymphatic, peritoneal, splenic**Container/Tube:** Sterile container AND either ECOFIX preservative vial or one zinc (Zn)-PVA AND one 10% formalin vial**Specimen Volume:** 15 mL**Collection Instructions:**

1. Place half of collection into preservative (either ECOFIX or PVA and 10 % Formalin combo) in a ratio of 1 part preservative: 1 part specimen. Some preservative may need to be removed from the vial to maintain this ratio.
2. Label the preservative type on the side of each vial.
3. Place other half of collection in a sterile container.
3. Label both specimens, bag together, and send refrigerate as one collection.

Specimen Stability Information: Refrigerate 5 days**Specimen Type:** Respiratory**Source:** Bronchial washing, bronchoalveolar lavage, sputum**Container/Tube:** Sterile container**Specimen Volume:** Entire collection**Specimen Stability Information:** Refrigerate 5 days

Specimen Type: Tissue

Sources: Bladder, brain, colon, intestine, liver, lymph node, lung, muscle, rectal, spleen (must specify anatomical location of tissue)

Container/Tube: Sterile container

Specimen Volume: 5 to10 mm

Collection Instructions: Place specimen in sterile container with 1 to 2 drops of sterile saline to keep tissue moist.

Specimen Stability Information: Refrigerate 5 days

Forms:

If not ordering electronically, complete, print, and send a [Gastroenterology and Hepatology Test Request](#) (T728) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated	5 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
OAPNS	Q00M0045	Specimen Source	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
OAPNS	Ova and Parasite, Microscopy, Varies	Alphanumeric		673-4

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87015-Concentration (any type), for infectious agents (if appropriate)

87209-Smear, primary source with interpretation; complex special stain (eg, trichrome, iron hematoxylin) for ova and parasites (If appropriate)

87210-Wet mount for infectious agents (if appropriate)

87207-Smear, primary source, with interpretation; special stain for inclusion bodies or intracellular parasites (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
BCON	Concentrate Exam	1	87015	No	No, (Bill Only)
BDIR	Direct Prep Exam	1	87210	No	No, (Bill Only)

BTRI	Stain Slide Exam	1	87209	No	No, (Bill Only)
FILB	Filaria Bill Only	1	87207	No	No, (Bill Only)

Reference Values:

Negative

If positive, organism identified.