

## Ova and Parasite, Concentrate and Permanent Smear, Microscopy, Feces

Test ID: OAP

### Explanation:

Mayo Clinic Laboratories is implementing a new testing process for OAP on January 5, 2023.

- With the new process, MCL will no longer accept Low Viscosity (LV), mercury and copper (Cu) based PVA preservatives due to limitations observed in validation. All specimens received in Low Viscosity (LV)-PVA, Mercury PVA and Copper (Cu)-PVA after the effective date will be canceled.
- 10% Buffered Formalin Stool Transport plus Zinc (Zn)-PVA will continue to be acceptable.
- Preferred preservative is ECOFIX (T790 or T219).

Current Specimen Required	New Specimen Required
<p><b>Patient Preparation:</b> Specimen collection should be delayed for 7 to 10 days after administration of barium, bismuth, kaolin, magnesia, castor oil or mineral oil, and 2 to 3 weeks after antibiotics have been given since these may interfere with identification of protozoa.</p>	<p><b>Patient Preparation:</b> Specimen collection should be delayed for 7 to 10 days after administration of barium, bismuth, kaolin, magnesia, castor oil or mineral oil, and 2 to 3 weeks after antibiotics have been given since these may interfere with identification of protozoa.</p>
<p><b>Specimen Type:</b> Stool, duodenal aspirate, colonic washing</p>	<p><b>Specimen Type:</b> Stool, duodenal aspirate, colonic washing</p>
<p><b>Supplies:</b> ECOFIX Stool Transport Vial (Kit) (T219)</p>	<p><b>Supplies:</b> ECOFIX Stool Transport Vial (Kit) (T219)</p>
<p><b>Preferred:</b> ECOFIX preservative (T219)</p>	<p><b>Preferred:</b> ECOFIX preservative (T219)</p>
<p><b>Acceptable:</b> 10% Buffered Formalin Stool Transport plus Polyvinyl Acetate (PVA) Stool Transport</p>	<p><b>Acceptable:</b> 10% Buffered Formalin Stool Transport plus <b>Zinc</b> Polyvinyl Alcohol (<b>Zn</b> PVA) Stool Transport vials (one of each)</p>
<p><b>Specimen Volume:</b> Portion of stool; or entire collection of intestinal specimen</p>	<p><b>Specimen Volume:</b> Portion of stool or entire collection of intestinal specimen</p>

**Collection Instructions:**

1. Place specimen into preservative within 30 minutes of passage or collection.
2. Follow instructions on the container as follows:
  - a. Mix the contents of the tube with the spoon, twist the cap tightly closed, and shake vigorously until the contents are well mixed. Refer to the fill line on the Ecofix vial for stool specimens.
  - b. Do not fill above the line indicated on the container.
  - c. Duodenal aspirates, small bowel aspirates, or colonic washings should be placed in Ecofix in a ratio of 1:1

**Additional Information:** Stool placed in 10% buffered formalin can be accepted if accompanied by a PVA-preserved specimen; 10% buffered formalin-preserved specimens submitted without an accompanying PVA-preserved specimen will be canceled.

**Collection Instructions:**

1. Place specimen into preservative within 30 minutes of passage or collection.
2. Follow instructions on the container as follows:
  - a. Mix the contents of the tube with the spoon, twist the cap tightly closed, and shake vigorously until the contents are well mixed. Refer to the fill line on the Ecofix vial for stool specimens.
  - b. Do not fill above the line indicated on the container.
  - c. Duodenal aspirates, small bowel aspirates, or colonic washings should be placed in Ecofix in a ratio of 1:1

**Additional Information:** Stool placed in 10% buffered formalin can be accepted if accompanied by **Zinc (Zn)** PVA-preserved specimen; 10% buffered formalin-preserved specimens submitted without an accompanying **Zn** PVA-preserved specimen will be canceled. **Specimen submitted in Low Viscosity (LV)-PVA, Mercury PVA or Copper (Cu)-PVA will be rejected.**

**Questions**

Contact Dunisha Messmer, Laboratory Technologist Resource Coordinator at 800-533-1710.