

COLLECTION FOR PCR ENTAMOEBIA HISTOLYTICA/DISPAR IN STOOLS

Procedure no.: MIC-IPA-010

Version: 005

Status: Active

1. Sample collection

Pre-requisite:

- Presence of cysts and/or Entamoeba histolytica/dispar trophozoites in a stool sample recently analyzed in the laboratory

Collection:

- It is important to not let the stool touch the water in the toilet bowl and to not use toilet paper to collect it.
- Use a basin or a clean large container to gather the stool.

Collect a stool that will be divided in two:

- One half in the container with the SAF (transport medium):
 - Collect 3 to 6 g of stool (about the size of a hazelnut) and place it in the transport medium provided by the laboratory (**do not pass the line on the container**).
 - Close the container tightly to make sure that it does not leak.
 - Shake the container vigorously for 10 seconds to make sure that the stool is broken up into small pieces and well combined with the transport medium.
 - Check the appropriate box on the container to indicate if the stool is solid, soft, liquid or contains blood.
 - On the container, write your name, file number and the date and time of the collection. Then place the container in a Ziploc bag.
- One half in the dry sterile container:
 - Collect 3 to 6 g of stool (about the size of a hazelnut) and place it in the dry sterile container.
 - Close the container tightly to make sure that it does not leak.
 - On the container, write your name, file number and the date and time of the collection. Then place the container in a Ziploc bag.
 - Put the container in the freezer as quickly as possible.

2. Storage

- Half in the container with the SAF (transport medium):
→ Store this half at room temperature (20-25°C) until transportation.
- Half in the dry sterile container:
→ Store this half in the freezer (-20°C) until transportation.

3. Transportation

- Bring the sample (the 2 containers), accompanied by the requisition form duly completed, to the laboratory reception (SBA-31), **as soon as possible** (during opening hours).
- For the half sample that is frozen, an ice pack must be used during transportation.
- Maximum timeframe: 24 hours before collection.

4. For more information

- Contact the laboratory reception at 450-759-8222, ext. 2606 (business days, 8 a.m. to 4 p.m.).

Martine Lavergne, MD
Microbiologist-infectious disease
specialist

Jean-François Boisvert, MD
Microbiologist-infectious disease
specialist

Soraya Boukhoudmi, MD
Microbiologist-infectious disease
specialist

Anaïs Lauzon-Laurin, MD
Microbiologist-infectious disease
specialist