

CLIENT NOTICE UPDATE - August 24, 2017

LifeLabs Introduces PCR Testing For Detection Of Parasites In Stool Samples

On August 8th, 2017, LifeLabs Medical Laboratories has started detection of parasites in stool samples by using the latest PCR technology.

PCR will be our first line test for suspected parasitic diarrhea. It will offer a faster turnaround time (1-2 days) for reporting our results. For PCR, please submit one sample collected in the Copan Fecal swab.

The PCR technology **WILL NOT DETECT** helminths. If such testing is required submit stool in SAF container for microscopy.

***** NEW COLLECTION CONTAINER for PARASITE BY PCR *****

Copan Fecal Swab (caps may be green or orange/red)



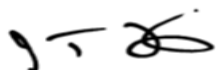
LifeLabs has validated the Copan Fecal swab for Parasitology by PCR method. Although the packaging indicates “Enteric Bacteria”, **DO NOT submit this swab for Stool culture.**

To order the Copan Fecal Swab, use the Client Order Form (item #10173038).

For further Information:

- Refer to www.LifeLabs.com
 - New Article section
 - Inside Diagnostic Newsletter
 - Test Directory
- Reports for stool collected in SAF containers will continue to indicate this important update.
- Alternatively contact LifeLabs Customer Care Centre 1-877-849-3637.

LIFELABS



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How to Order Routine Stool Parasites at LifeLabs

OHIP Requisition

1. In the Microbiology ID & Sensitivity box of the OHIP requisition, check off Stool Ova & Parasites:

Example:

| Microbiology ID & Sensitivities (if warranted) | |
|--|--|
| <input type="checkbox"/> | Cervical |
| <input type="checkbox"/> | Vaginal |
| <input type="checkbox"/> | Vaginal/Rectal – Group B Strep |
| <input type="checkbox"/> | Chlamydia (<i>specify source</i>): |
| <input type="checkbox"/> | GC (<i>specify source</i>): |
| <input type="checkbox"/> | Sputum |
| <input type="checkbox"/> | Throat |
| <input type="checkbox"/> | Wound (<i>specify source</i>): |
| <input type="checkbox"/> | Urine |
| <input type="checkbox"/> | Stool Culture |
| <input checked="" type="checkbox"/> | Stool Ova & Parasites |
| <input type="checkbox"/> | Other Swabs/Pus (<i>specify source</i>): |

2. Patient will be provided a special swab for collection. The swab will be placed into a plastic screw cap tube (see illustration below). Caps may be green or orange/red.



LifeLabs has validated the Copan Fecal swab for Parasitology by PCR method. Although the packaging indicates “Enteric Bacteria”, **DO NOT submit this swab for Stool culture.**

3. The laboratory will test the swab for the following parasites:
 - Giardia lamblia
 - Entamoeba histolytica
 - Cryptosporidium species
 - Blastocystis hominis
 - Dientamoeba fragilis
 - Cyclospora cayetanensis

Important note: The PCR technology **WILL NOT DETECT** helminths. If such testing is required please submit stool in SAF container for microscopy.

How to Order Larvae, Helminths and Other Miscellaneous Parasitology findings at LifeLabs

OHIP Requisition

1. In the Microbiology ID & Sensitivity box of the OHIP requisition:
 - a. Check off Stool Ova & Parasites
 - b. Add clinical indication for microscopic examination. Examples: helminthic infestation, immunocompromised, immigration/refugee screening, etc.

Example

| Microbiology ID & Sensitivities (if warranted) | |
|--|--|
| <input type="checkbox"/> | Cervical |
| <input type="checkbox"/> | Vaginal |
| <input type="checkbox"/> | Vaginal/Rectal – Group B Strep |
| <input type="checkbox"/> | Chlamydia (<i>specify source</i>): |
| <input type="checkbox"/> | GC (<i>specify source</i>): |
| <input type="checkbox"/> | Sputum |
| <input type="checkbox"/> | Throat |
| <input type="checkbox"/> | Wound (<i>specify source</i>): |
| <input type="checkbox"/> | Urine |
| <input type="checkbox"/> | Stool Culture |
| <input checked="" type="checkbox"/> | Stool Ova & Parasites <i>helminthic infestation</i> |
| <input type="checkbox"/> | Other Swabs/Pus (<i>specify source</i>): |

2. Patient will be provided a SAF collection container (see illustration below).



3. The laboratory will test the sample for the following:
 - Parasites and ova
 - Special requests that have been indicated on the requisition, and can be performed by the laboratory.

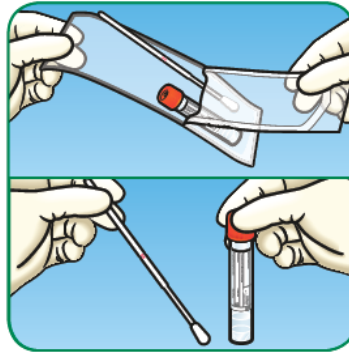
Patient Instructions



Each FecalSwab™ kit consists of a sterile peel pouch containing a regular Nylon FLOQSwab™ and a screw cap tube containing 2mL of Cary-Blair medium

NOTE: These instructions indicate use of FecalSwab after patient has delivered stool specimen in a clean, dry pan or special container. Stool specimen should not contain urine or water.

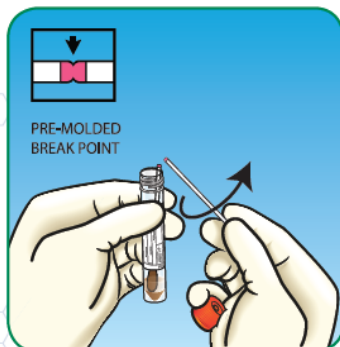
NOTE: the screw cap can be either green or red.



Open the peel pouch.
Remove the swab. Do not touch the swab tip. Always hold the shaft applicator above the marked breakpoint.



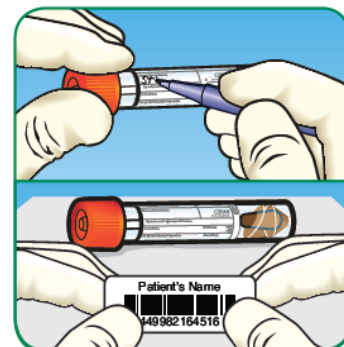
Collect a small amount of stool by inserting all the tip of the flocked swab into stool sample and rotate it.
NOTE: Bloody, slimy or watery area of stools should be selected and sampled.



If needed, gently twist the shaft between thumb and forefinger to completely remove it. Discard the broken upper part of the swab shaft and tighten the cap.



Shake the vial until the sample appears homogeneous.



Write patient's name and demographics on the tube or apply a label and send the sample to the laboratory.

Keep vial in refrigerator until delivery to laboratory.