

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)



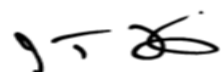
LifeLabs has validated the Copan Fecal swab for Parasitology by PCR method. Although the packaging indicates "Enteric Bacteria", **DO NOT submit this swab for Stool culture.**

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.

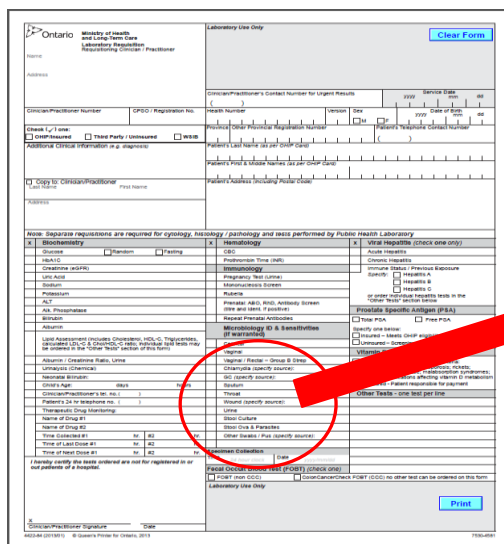
LIFELABS



Dr. Timothy Feltis
Ontario Medical Director
Tim.Feltis@lifelabs.com

How to Order Routine Stool Parasites at LifeLabs

OHIP Requisition



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

Example:

Microbiology ID & Sensitivities (if warranted)	
	Cervical
	Vaginal
	Vaginal/Rectal – Group B Strep
	Chlamydia (<i>specify source</i>):
	GC (<i>specify source</i>):
	Sputum
	Throat
	Wound (<i>specify source</i>):
	Urine
	Stool Culture
X	Stool Ova & Parasites
	Other Swabs/Pus (<i>specify source</i>):

- 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.



OR



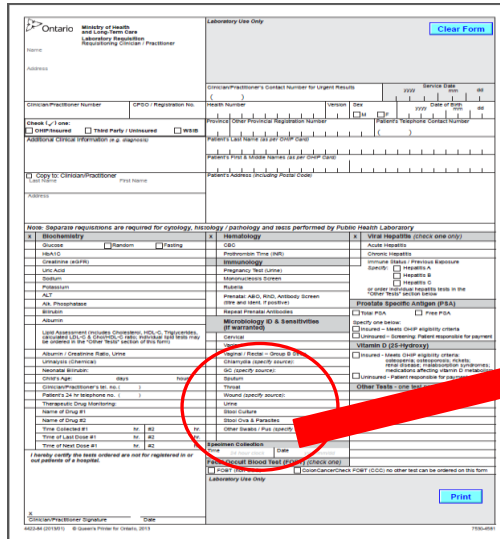
LifeLabs has validated the Copan Fecal swab for Parasitology by PCR method. Although the packaging indicates “Enteric Bacteria”, **DO NOT submit this swab for Stool culture.**

- 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



The image shows a portion of the OHIP Requisition form. A red circle highlights the 'Microbiology ID & Sensitivities (if warranted)' section. A red arrow points from this section to the 'Example' table on the right.

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.



How to Order Copan Fecal Swabs (supplies)

There are 2 ways of ordering the swabs (updated order form or old version order form).

1. UPDATED Client Order Form

Record the quantity required next to STOOL PARASITES – PCR METHOD (PARASITE SWAB) in the Microbiology box.

Updated order form can be located by visiting <http://www.lifelabs.com/healthcare-providers/Pages/Supplies-and-Ordering-Information.aspx?Province=ON>



CLIENT ORDER FORM (NO PHLEBOTOMY)

1. CLIENT INFORMATION

Client ID #: _____* Client Name: _____*

Date: _____* Address: _____*

Client Office Contact Name: _____* Phone #: _____*

* Indicates a Mandatory Field

2. ORDER

	Item Description	Units	Qty. Req.	Item #
Microbiology	Culture Swab Transport System – Charcoal	Bag/50		24307
	Chlamydia &/or GC BD ProbTec Swabs Female	Each		10120458
	Chlamydia &/or GC BD ProbTec Swabs Male	Each		10120478
	Fungus Scraping Kit	Each		10125960
	Stool Culture & Sensitivity (C&S) Kit	Each		10125779
	Stool Parasites - PCR Method (Parasite Swab)	Each		10173038
	Stool Ova & Parasites (O&P) Kit (SAF Container)	Each		10125778
	Pinworm Kit	Each		10125978
	Sputum Culture & Sensitivity (C&S) Kit	Each		10125979
	Urine Culture & Sensitivity (C&S) Kit	Each		10125941

2. OLD VERSION Client Order Form

Record the product name, quantity and item number under “Other” in the miscellaneous box (see example below). **Note:** the paper pad forms will be updated in the future.

Miscellaneous	FOBT (CCC Occult Blood) ColonCancerCheck	PK/20		10104657
	Semen Analysis Kit	Each		10125940
	Poly Bag 6 x 9	PK		12640
	LTC On-Site Lab Services	PK/100		10112318
	FOBT (Non CCC Occult Blood)	Each		10111159
	Client Phlebotomy Order Form	PD		10092501
	Lymphocyte Marker Request Pads	PD/25		10106333
	Other			
	→ copan fecal swab (or parasite swab)			→ 10173038

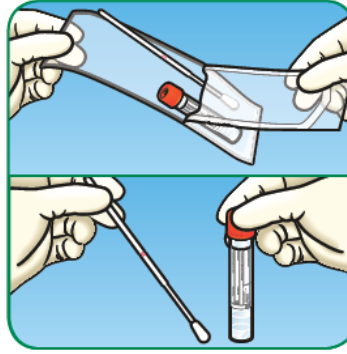
Patient Instructions



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.

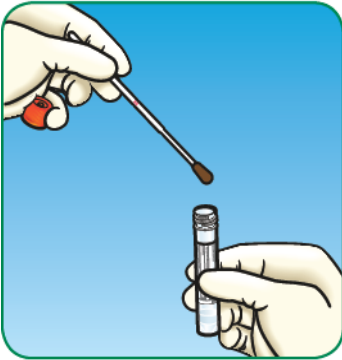
NOTE: the screw cap can be either green or red.



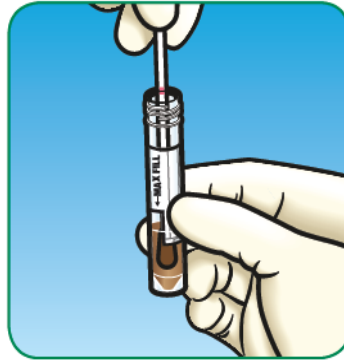
Open the peel pouch.
Remove the swab. Do not touch the swab tip. Always hold the shaft applicator above the marked breakpoint.



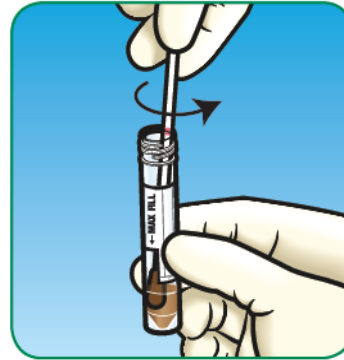
Collect a small amount of stool by inserting all the tip of the flocked swab into stool sample and rotate it.
NOTE: Bloody, slimy or watery area of stools should be selected and sampled.



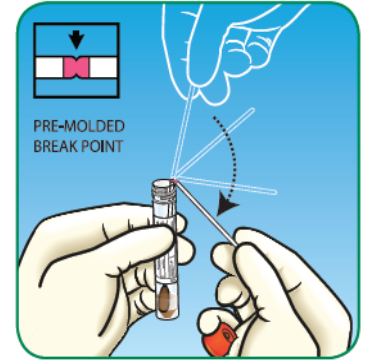
Remove and examine to make sure there is fecal material visible on the tip of the swab. If needed, insert again the flocked swab into stool sample and rotate making sure all the area of the swab tip is in contact with the sample.



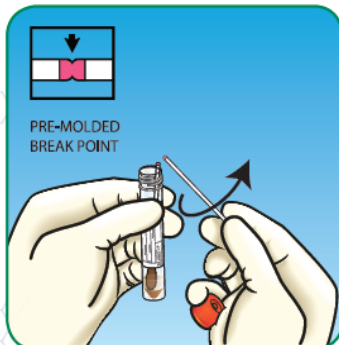
Transfer the swab into the FecalSwab™ tube and check that the maximum filling line ("MAX. FILL") on the label is not exceeded.



Holding the swab shaft between thumb and finger, mash and mix the stool specimen against the side of the tube to evenly disperse and suspend the specimen in the medium.



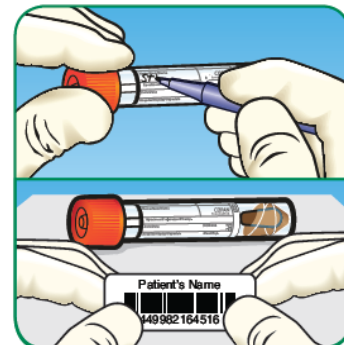
Hold the tube away from your face. Holding the end of the swab shaft, bend it at a 180 degrees angle to break at the marked breakpoint.



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.