

## **CLIENT NOTICE UPDATE - August 24, 2017**

## LifeLabs Introduces PCR Testing For Detection Of Parasites In Stool Samples

On August 8<sup>th</sup>, 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 CONTAINTER 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", <u>DO NOT submit this swab for Stool culture</u>.

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

For further Information:

- Refer to <u>www.LifeLabs.com</u>
  - 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

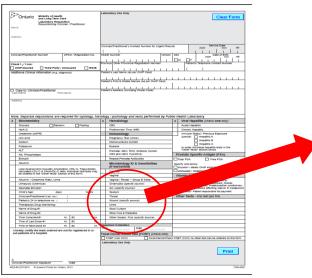
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Dr. Timothy Feltis Ontario Medical Director <u>Tim.Feltis@lifelabs.com</u>



# 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)			
	Cervical			
	Vaginal			
	Vaginal/Rectal – Group B Strep			
	Chlamydia (specify source):			
	GC (specify source):			
	Sputum			
	Throat			
	Wound (specify source):			
	Urine			
	Stool Culture			
Χ	Stool Ova & Parasites			
	Other Swabs/Pus (specify source):			

 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", <u>DO NOT submit this</u> <u>swab for Stool culture.</u>

- 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 <u>WILL NOT</u> <u>DETECT</u> 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

Pontario Musiciry of Mask selection from Cure heavier from Resolution Heavier Concise / Practioner	Laboratory Use Only	Clear Form	
Address	Cirician/Practitioner's Contact Number for Urgent	Results yww. Service Date	
CINICIAN PRACTIONER NUMBER CPDO / Registration No. Cheak (_/ ) one:	( ) reacts number Province Other Provincial Regulation Number Patient's Last Name (as per OHIP Card Patient's Print & Mode Names (as per OHIP Card	1900 See 7777 Obs for     100 mm	
Copy to: Clinidan/Proditioner Last Name Alartis	Patents Address (including Postal Code)		
Note: Separate requisitions are required for cytology, hi	1 stology / pathology and tests performed by	Public Health Laboratory	
x Biochemietry	× Hematology	x Viral Hepatitie (check one only)	
Glucose Random Fasting	080	Acute Hepatitis	
H6A10 Creatinite (#GFR)	Prothrombin Time (INR)	Chronic Hepatitis	
Creatinine (eGFR) Unc Acid	Immunology		
Dedum	Pregnancy Test (Linne) Mononucleosis Screen	Hepatito B	
Polassian	Rubella		
ALT	Prenatal ABO, BhD, Antibody Screen	or order includual hepatits lesis in the "Other Tests" section below	
Alk, Phosphatase	(The and ident, if positive)	Prostate Specific Antigen (PSA)	
Blinkin	Repeat Presalal Antibodies	Total FDA	
Abumin	Microbiology ID & Sensitivities (If warranted)	Specify one below:	
Link Assessment (orbutes Chainslean MCLC). This candidate		insured – Meets CHIP eligibility criteria	
Lipid Assessment (includes Cholesterol, HOL-C, Trightendes, calculated LDL-C & Chol+DL-C ratio: individual lipid tests may be ondered in the "Other Tests" section of this form)	Gervical	Uninsured - Screening: Patient responsible for payment	
	Veri	Vitamin D (25+Hydroxy)	
Albumin / Creatinine Ratio, Urine	Vaginal / Rectal - Group B Ga	insured - Meets OHIP eligibility criteria:	-
Urinalysis (Chemica) Neonatal Billindin:	Chiamydia (specify source): GC (specify source):	obtopenia; osteoponosis; rickets; renal disease; malaboostion syndromes; medications affecting vitamin D metabolisti	
Chars Ale days hour	Desfurt	Uninsured - Patient responsible for payment	
CityclavPractitioners tel. no. ( )	Throat	Other Teats - one teat of	
Patient's 24 hr telephone no. ( )	Wound (specify source):		
Therapeutic Drug Monitoring:	Urine		
Name of Drug #1	Stool Culture		
Name of Drug #2	Stool Ova & Parastes		
Trite of Last Dose #1 Mr. #2 Mr.	Other Swabs / Pus (specify		
Trite of Next Dose #1 M. #2	Specimen Collection		
I haveby certify the tests actioned are not for registered in or out patients of a hospital.	Peter Services Date Services Peter Occut Blood Test (FOLD) (check of Pott Tool Concerned Laberatory Use Only	e) Check FOBT (CCC) no other test can be ordered on this form	
		Print	
×			
X Clinician/Tractitioner Signature Date M22-M (201501) 6 Queer's Privar for Ortacle, 2013	-		

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

#### Example

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

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 <u>http://www.lifelabs.com/healthcare-providers/Pages/Supplies-and-Ordering-Information.aspx?Province=ON</u>

ĽŤ	felabs <sup>®</sup> CLIENT ORDER FORM (NO	PHLEBOTOMY	)	
	1. CLIENT INFORMATION			
Date: Clien	* Address:	:		
marca	2. ORDER			
	Item Description	Units	Qty. Req.	Item #
	Culture Swab Transport System – Charcoal	Bag/50		24307
	Chlamydia &/or GC BD ProbTec Swabs Female	Each		1012045
	Chlamydia &/or GC BD ProbTec Swabs Male	Each		1012047
Microbiology	Fungus Scraping Kit	Each		1012596
	Stool Culture & Sensitivity (C&S) Kit	Each		1012577
	Stool Parasites - PCR Method (Parasite Swab)	Each		1017303
	Stool Ova & Parasites (O&P) Kit (SAF Container)	Each		1012577
	Pinworm Kit	Each		1012597
	Sputum Culture & Sensitivity (C&S) Kit	Each		1012597
		Each		1012594

## 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.

	FOBT (CCC Occult Blood) ColonCancerCheck	PK/20		10104657
<mark>Miscellaneous</mark>	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)		$\rightarrow$	10173038
	( )			

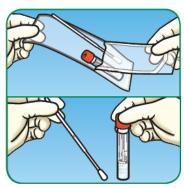
## **Patient Instructions**



#### Each FecalSwab<sup>™</sup> kit consists of a sterile peel pouch containing a regular Nylon FLOQSwab<sup>™</sup> 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.



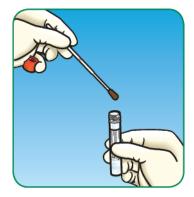
Open the peel pouch.

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.



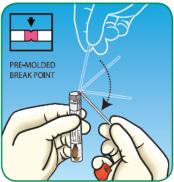
Remove and examine to make sure there is fecal material visible on the tip of the swab. If needed, insert again the flocked swab into stool sample and rotate making sure all the area of the swab tip is in contact with the sample.



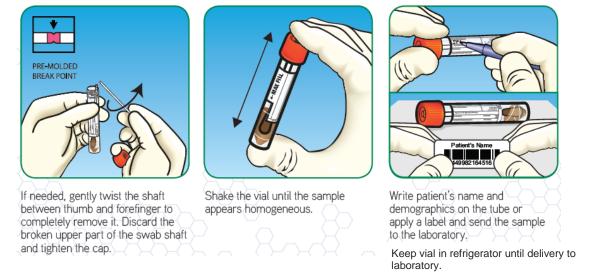
Transfer the swab into the FecalSwab<sup>™</sup> tube and check that the maximum filling line ("MAX. FILL") on the label is not exceeded.



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.



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Ver: 1.0 Current

Issued: 8-Aug-2017

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For Inquires, contact LifeLabs Customer Care Centre 1-877-849-3637 Printed copies are uncontrolled.