



3425 Corporate Way Duluth, GA 30096



Patient: MALE TEST

DOB: February 02, 1956

Sex: M

MRN: 0001558085

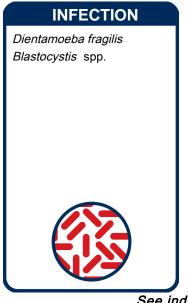
Order Number: M9300998

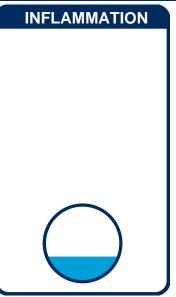
Completed: January 31, 2019 Received: January 30, 2019 Collected: January 30, 2019 Test Doctor 84 Peachtree Rd Asheville, NC 28803

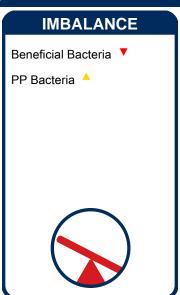
## 2205 GI Effects™ Microbial Ecology Profile - Stool



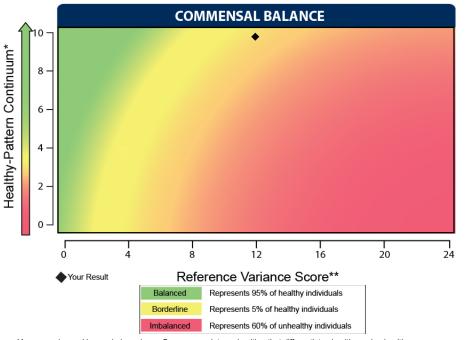
## Interpretation At-a-Glance



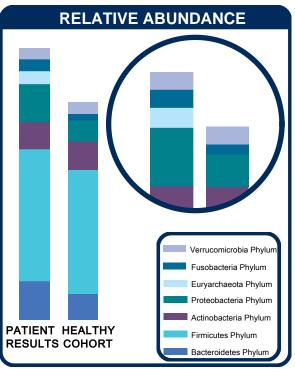




See individual sections for detailed results



<sup>\*</sup>A progressive ranking scale based on a Genova proprietary algorithm that differentiates healthy and unhealthy commensal patterns.



<sup>\*\*</sup>The total number of Commensal Bacteria (PCR) that are out of reference ranges for this individual.





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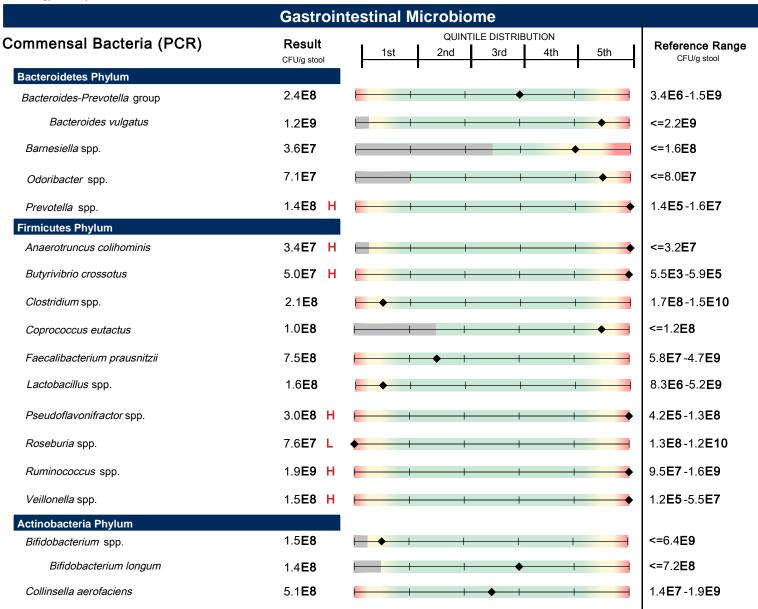
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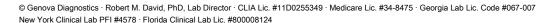
## 2205 GI Effects™ Microbial Ecology Profile - Stool

Methodology: DNA by PCR



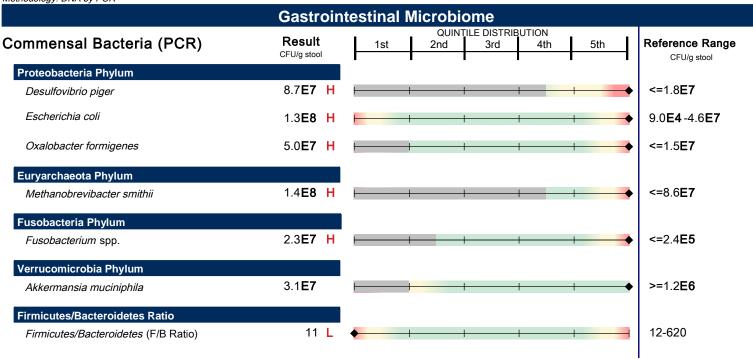
The gray-shaded portion of a quintile reporting bar represents the proportion of the reference population with results below detection limit.

Commensal results and reference range values are displayed in a computer version of scientific notation, where the capital letter "E" indicates the exponent value (e.g., 7.3E6 equates to 7.3 x 10° or 7,300,000).



Patient: MALE TEST ID: M9300998 Page 3

Methodology: DNA by PCR



The gray-shaded portion of a quintile reporting bar represents the proportion of the reference population with results below detection limit.

Commensal results and reference range values are displayed in a computer version of scientific notation, where the capital letter "E" indicates the exponent value (e.g., 7.3E6 equates to 7.3 x 10<sup>e</sup> or 7,300,000).

The Firmicutes/Bacteroidetes ratio (F/B Ratio) is estimated by utilizing the lowest and highest values of the reference range for individual organisms when patient results are reported as <DL or >UL.

Methodology: Culture/MALDI-TOF MS, Automated and Manual Biochemical Methods, Vitek® 2 System Microbial identification and Antibiotic susceptibility

### **Gastrointestinal Microbiome\*\***

Human microflora is influenced by environmental factors and the competitive ecosystem of the organisms in the GI tract. Pathogenic significance should be based upon clinical symptoms.

#### **Microbiology Legend** NG NP PP Ρ No Growth Non-Potential Pathogen Pathogen Pathogen

#### Additional Bacteria

Non-Pathogen: Organisms that fall under this category are those that constitute normal, commensal flora, or have not been recognized as etiological agents of disease.

Potential Pathogen: Organisms that fall under this category are considered potential or opportunistic pathogens when present in heavy growth. Pathogen: The organisms that fall under this category have a well-

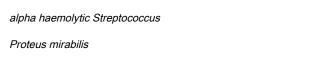
recognized mechanism of pathogenicity in clinical literature and are considered significant regardless of the quantity that appears in the culture.

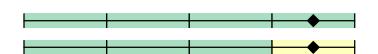


## Bacteriology (Culture)



#### Additional Bacteria





## Mycology (Culture)



## **KOH Preparation for Yeast**

Methodology: Potassium Hydroxide (KOH) Preparation for Yeast

## Potassium Hydroxide (KOH) Preparation for Yeast

These yeast usually represent the organisms isolated by culture. In the presence of a negative yeast culture, microscopic yeast may reflect organisms not viable enough to grow in culture. The presence of yeast on KOH prep should be correlated with the patient's symptoms. However, moderate to many yeast suggests yeast overgrowth.

Results

KOH Preparation, stool

No Yeast Present

The result is reported as the amount of yeast seen microscopically:

Rare: 1-2 per slide

Few: 2-5 per high power field (HPF)

Moderate: 5-10 per HPF Many: >10 per HPF

<sup>\*\*</sup> Indicates testing performed by Genova Diagnostics, Inc. 63 Zillicoa St., Asheville, NC 28801-0174 A. L. Peace-Brewer, PhD, D(ABMLI), Lab Director - CLIA Lic. #34D0655571 - Medicare Lic. #34-8475





## Parasitology\*\*

### **Microscopic O&P Results**

Microscopic O&P is capable of detecting all described gastrointestinal parasites. The organisms listed in the box represent those commonly found in microscopic stool analysis. Should an organism be detected that is not included in the list below, it will be reported in the Additional Results section. For an extensive reference of all potentially detectable organisms, please visit <a href="https://www.gdx.net/product/gi-effects-comprehensive-stool-test">www.gdx.net/product/gi-effects-comprehensive-stool-test</a>

Genus/species	Result	
Nematodes - roundworms		
Ancylostoma/Necator (Hookworm)	Not Detected	
Ascaris lumbricoides	Not Detected	
Capillaria philippinensis	Not Detected	
Enterobius vermicularis	Not Detected	
Strongyloides stercoralis	Not Detected	
Trichuris trichiura	Not Detected	
Cestodes - tapeworms		
Diphyllobothrium latum	Not Detected	
Dipylidium caninum	Not Detected	
Hymenolepis diminuta	Not Detected	
Hymenolepis nana	Not Detected	
Taenia spp.	Not Detected	
Trematodes - flukes		
Clonorchis/Opisthorchis spp.	Not Detected	
Fasciola spp./ Fasciolopsis buski	Not Detected	
Heterophyes/Metagonimus	Not Detected	
Paragonimus spp.	Not Detected	
Schistosoma spp.	Not Detected	
Protozoa		
Balantidium coli	Not Detected	
Blastocystis spp.	Moderate Detected	
Chilomastix mesnili	Not Detected	
Cryptosporidium spp.	Not Detected	
Cyclospora cayetanensis	Not Detected	
Dientamoeba fragilis	Few Detected	
Entamoeba coli	Not Detected	
Entamoeba histolytica/dispar	Not Detected	
Entamoeba hartmanii	Not Detected	
Entamoeba polecki	Not Detected	
Endolimax nana	Not Detected	
Giardia	Not Detected	
Iodamoeba buetschlii	Not Detected	
Cystoisospora spp.	Not Detected Not Detected	
Trichomonads (e.g. Pentatrichomonas)	NOI Delected	
Additional Findings	Not Date at all	
White Blood Cells	Not Detected	
Charcot-Leyden Crystals	Not Detected	

## Other Infectious Findings

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Patient: MALE TEST ID: M9300998 Page 6

## **Parasitology**

## PCR Parasitology - Protozoa\*\*

Methodologies: DNA by PCR, Next Generation Sequencing

Organism	Result	Units		Expected Result
Blastocystis spp.	2.00e3	femtograms/microliter C&S stool	Detected	Not Detected
Cryptosporidium spp.	<4.87e2	genome copies/microliter C&S stool	Not Detected	Not Detected
Cyclospora cayetanensis	<2.65e2	genome copies/microliter C&S stool	Not Detected	Not Detected
Dientamoeba fragilis	2.96e3	genome copies/microliter C&S stool	Detected	Not Detected
Entamoeba histolytica	<1.14e3	genome copies/microliter C&S stool	Not Detected	Not Detected
Giardia	<1.57e2	genome copies/microliter C&S stool	Not Detected	Not Detected
Blastocystis spp. Reflex	Subtyping			•

Type 1:	Not Detected	Type 4:	Not Detected	Type 7:	Not Detected
Type 2:	Detected	Type 5:	Not Detected	Type 8:	Not Detected
Type 3:	Not Detected	Type 6:	Not Detected	Type 9:	Not Detected

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### **Additional Results**

#### Result

Color++ Brown

Consistency†† Formed/Normal

††Results provided from patient input.

	Z	onulin Family Peptide	
Methodology: EIA	Result	Reference Range	Zonulin Family Peptide
Zonulin Family Peptide, Stool	100.0	22.3-161.1 ng/mL	This test is for research use only. Genova will not support on interpreting the test results. This test di
			detect zonulin 1 The Scheffler paper suggests that

t provide does not detect zonulin.  $\dot{}$  The Scheffler paper suggests that the IDK kit may detect a zonulin family peptide, such as properdin. Genova's unpublished data demonstrated that the current IDK kit results were associated with stool inflammation biomarkers and an inflammation-associated dysbiosis profile.

The performance characteristics of Zonulin Family Peptide have been verified by Genova Diagnostics, Inc. The assay has not been cleared by the U.S. Food and Drug Administration.

#### Reference:

1. Scheffler L, et al. Widely Used Commercial ELISA Does Not Detect Precursor of Haptoglobin2, but Recognizes Properdin as a Potential Second Member of the Zonulin Family. Front Endocrinol. 2018;9:22.

# Macroscopic Exam for Worms \*\*

Methodology: Macroscopic Evaluation

No larvae seen macroscopically.

	Add-or	i resting
Methodology: EIA	Result	Expected Value
HpSA - H. pylori	Negative	Negative
Campylobacter spp. • **	Negative	Negative
Clostridium difficile ◆**	Negative	Negative
Shiga toxin <i>E. coli</i> ◆**	Negative	Negative
Fecal Lactoferrin◆**	Negative	Negative

#### HpSA (Helicobacter pylori stool antigen)

Helicobacter pylori is a bacterium which causes peptic ulcer disease and plays a role in the development of gastric cancer. Direct stool testing of the antigen (HpSA) is highly accurate and is appropriate for diagnosis and follow-up of infection.

#### Campylobacter spp.

Campylobacter jejuni is the most frequent cause of bacterial-induced diarrhea. While transmission can occur via the fecal-oral route, infection is primarily associated with the ingestion of contaminated and poorly cooked foods of animal origin, notably, red meat and milk.

#### Clostridium difficile

Clostridium difficile is an anaerobic, spore-forming gram-positive bacterium. After a disturbance of the gut flora (usually with antibiotics), colonization with Clostridium difficile can take place. Clostridium difficile infection is much more common than once thought.

#### Shiga toxin E. coli

Shiga toxin-producing *Escherichia coli* (STEC) is a group of bacterial strains that have been identified as worldwide causes of serious human gastrointestinal disease. The subgroup enterohemorrhagic *E. coli* includes over 100 different serotypes, with 0157:H7 being the most significant, as it occurs in over 80% of all cases. Contaminated food continues to be the principal vehicle for transmission; foods associated with outbreaks include alfalfa sprouts, fresh produce, beef, and unpasteurized juices.

Tests were developed and their performance characteristics determined by Genova Diagnostics. Unless otherwise noted with ◆, the assays have not been cleared by the U.S. Food and Drug Administration.

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Patient: MALE TEST ID: M9300998 Page 8

Methodology: Vitek 2® System Microbial Antibiotic susceptibility, Manual Minimum Inhibition Concentration



## **Bacteria Sensitivity**

## **Prescriptive Agents**

Proteus mirabilis	R	l	S-DD	S	NI
Ampicillin	R				
Amox./Clavulanic Acid				S	
Cephalothin				S	
Ciprofloxacin				S	
Tetracycline	R				
Trimethoprim/Sulfa				S	

## **Natural Agents**

Proteus mirabilis	LOW INHIBITION		HIGH INHIBITION
Berberine			
Oregano			
Plant Tannins			
Uva-Ursi			

#### Prescriptive Agents:

The R (Resistant) category implies isolate is not inhibited by obtainable levels of pharmaceutical agent.

The I (Intermediate) category includes isolates for which the minimum inhibition concentration (MIC) values usually approach obtainable pharmaceutical agent levels and for which response rates may be lower than for susceptible isolates.

The S-DD (Susceptible-Dose Dependent) category implies clinical efficacy when higher than normal dosage of a drug can be used and maximal concentration achieved.

The S (Susceptible) column implies that isolates are inhibited by the usually achievable concentrations of the pharmaceutical agent.

NI (No Interpretive guidelines established) category is used for organisms that currently do not have established guidelines for MIC interpretation.

Refer to published pharmaceutical guidelines for appropriate dosage therapy.

#### Natural Agents:

In this assay, inhibition is defined as the reduction level on organism growth as a direct result of inhibition by a substance. The level of inhibition is an indicator of how effective the substance was at limiting the growth of an organism in an in vitro environment. High inhibition indicates a greater ability by the substance to limit growth, while Low Inhibition a lesser ability to limit growth. The designated natural products should be considered investigational in nature and not be viewed as standard clinical treatment substances.

#### Page 9



		Int	terpreta	tion At-a-0	Glance				
	Patient Results Genova Diagnostics Commensal Bacteria Clinical Association					sociations*			
Commensal Bacteria	Out of Reference Range	IBS	IBD	Metabolic Syndrome	Chronic Fatigue	Auto- immune	Type 2 Diabetes	High Blood Pressure	Mood Disorders
Bacteroidetes Phylum									
Bacteroides-Prevotella group		<b>†</b>	<b>†</b>	<b>†</b>	<b>†</b>	<b>†</b>	<b>†</b>	<b>†</b>	<b>†</b>
Bacteroides vulgatus		<b>↑</b>			<b>↑</b>	<b>↑</b>		1	<b>↑</b>
Barnesiella spp.									
Odoribacter spp.									
Prevotella spp.	н	<b>↑</b>		<b>^</b>	<b>^</b>	<b>↑</b>		<b>^</b>	<b>^</b>
Firmicutes Phylum									
Anaerotruncus colihominis	н	<b>†</b>	<b>^</b>	<b>^</b>	<b>^</b>	<b>^</b>	<b></b>	<b></b>	<b>†</b>
Butyrivibrio crossotus	Н								
Clostridium spp.	<u> </u>								
Coprococcus eutactus		<b>^</b>			<b>^</b>	<b>^</b>		<b>A</b>	<b>^</b>
Faecalibacterium prausnitzii		<u></u>				<u> </u>			<u> </u>
Lactobacillus spp.		· ·							
Pseudoflavonifractor spp.	н	<b>^</b>	<b>^</b>	<b>†</b>	<b>A</b>	<b>^</b>	<b>^</b>	<b>A</b>	<b>^</b>
Roseburia spp.	L	· ·	į.	<u> </u>			· ·	· ·	
Ruminococcus spp.	Н	<b>▼</b> ↑	Ţ.	1	1	<b>▼</b> ↑	<b>▼</b> ↑	<b>▼</b> ↑	<b>▼</b> ↑
Veillonella spp.	Н Н	<b>A</b>	<u> </u>	<u> </u>	<u> </u>	<b>A</b>	<b>A</b>	<u> </u>	<b>A</b>
Actinobacteria Phylum									
Bifidobacterium spp.									
Bifidobacterium longum									
Collinsella aerofaciens		<b>▼</b> ↑	<b>₩</b> ↑	1	<b>₩</b> ↑	<b>▼</b> ↑	<b>▼</b> ↑	<b>▼</b> ↑	¥↑
Proteobacteria Phylum		- 11		•	* 1			1	- ' '
Desulfovibrio piger									<b>A</b>
Escherichia coli	H	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<u> </u>
Oxalobacter formigenes		<u> </u>		<u> </u>	<b>A</b>	-	<u> </u>		<u> </u>
Euryarchaeota Phylum	Н								
Methanobrevibacter smithii	н	<b>A</b>				<b>A</b>			<b>A</b>
Fusobacteria Phylum									
Fusobacterium spp.	н	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>
Verrucomicrobia Phylum	Н Н								
Akkermansia muciniphila		T	T	T	T	T	T	1	T
omanoia maompinia		<u>▼</u>	<u> </u>	<u>▼</u>	<u> </u>		<u> </u>	<u> </u>	<u>▼</u>

\*Information derived from GDX results data comparing a healthy cohort to various clinical condition cohorts. The chart above showing a comparison of patient results to clinical conditions is meant for informational purposes only; it is not diagnostic, nor does it imply that the patient has a specific clinical diagnosis or condition.

The arrows indicate Genova's clinical condition cohort test results falling below  $\downarrow$  or above  $\uparrow$  the reference range that is greater than that of Genova's healthy cohort.

↑ Indicates Genova's clinical condition cohort test results falling below and above the reference range that are greater than that of Genova's healthy cohort.

Cells with bolded arrows indicate Genova's clinical condition cohort had more test results falling above versus below  $\frac{1}{2}$  or more below versus above  $\frac{1}{2}$  the reference range compared to that of Genova's healthy cohort.

#### **ENSURE THE FOLLOWING:**

☐ Peel and stick labels completed with patient's date of birth are on all tubes as well as the test requisition form

#### All tubes:

☐ Sealed in the biohazard bag with absorbent pad

☐ Refrigerated until packaged for shipping

#### All required information:

☐ All sections of test requisition form completed either online or on the
included paper form. If using the online form, the paper form must still be
returned with the health care provider's signature

☐ **Health survey** completed

□ Payment information provided

☐ **All tubes and associated forms** placed back in the original Genova sample collection pack box prior to shipping

#### SHIP THE SAMPLE(S) TO THE LAB

Ship only Monday through Friday, and within 24 hours after final collection.

Please refer to the shipping instruction insert found in your Genova sample collection pack box.



#### REGISTER FOR THE PATIENT RESOURCE CENTER AT WWW.GDX.NET/PRC

- Complete health surveys
- Make payments
- · Access test results

## GASTROINTESTINAL 1 DAY COLLECTION

ING PROFILE(S)	-
Stool	#2200
Stool	#2205
Stool	#2207
Stool	#2000
Stool	#2002
	Stool Stool

#### **COLLECTION MATERIALS FOR SAMPLE**



- CAUTION: Tubes contain poisonous liquid. KEEP OUT OF REACH OF CHILDREN.
- Tubes are under pressure. Cover tube cap with a cloth and remove cap slowly.
- For eye contact, flush with water for 15 mins.
- · For skin contact, wash with soap and water.
- · For ingestion, contact poison control center immediately.

#### **REOUIRED MATERIALS**

- · Disposable glove (vinyl)
- · Peel and stick labels
- Black disposable bag
- · Absorbent pads
- · Test requisition form

- Biohazard bags
- · Genova sample collection pack box
- FedEx® Clinical Lab Pak and Billable Stamp
- · Health survey

#### **IMPORTANT INFORMATION BEFORE YOU BEGIN THE COLLECTION**

- Test not recommended for patients under 2 years of age.
- Wait at least 4 Weeks from colonoscopy or barium enema before starting the test.
- Please consult with your physician before stopping any medications. Certain medications and/or supplements may impact test results.
- 2 to 4 Weeks Before the Test:
  - » Discontinue antibiotics, antiparasitics, antifungals, probiotic supplements (acidophilus, etc.).
  - » Discontinue proton pump inhibitors (PPIs), and bismuth 14 Days prior if adding on the H. pylori test.
- 2 Days Before the Test:
  - » Discontinue aspirin and other NSAIDs (i.e. ibuprofen), rectal suppositories, enemas, activated charcoal, bismuth, betaine HCL, digestive enzymes, antacids, laxatives, mineral oil, castor oil, and/or bentonite clay.
- **DO NOT collect samples** when there is active bleeding from hemorrhoids or menstruation.
- Before collecting your specimen refer to the shipping instruction to determine what day you can ship.
   Ship only Monday through Friday, and within 24 hours after final collection.

#### **COLLECTION**

- Completely fill out front and back of test requisition form using the included form or online at www.gdx.net/register. Failure to provide all information will result in delay of test processing.
- Using the peel and stick labels provided record the patient's date of birth and place a label on each of the tubes and the test requisition form



#### STOOL COLLECTION

- Put on the glove.
- Collect your stool sample using the enclosed collection container. DO NOT contaminate the sample with either urine or water from the toilet.
- GREEN-TOP TUBE: Remove the cap. Transfer stool sample into the tube using the built-in scoop. Collect from different areas of the sample. Mix the sample with the liquid in the tube until it is as smooth as possible. Make sure that the liquid and sample do not exceed the FILL LINE. DO NOT OVERFILL. Screw the cap on tightly. Shake tube for 30 seconds.

**NOTE**: If a worm is seen, **DO NOT place** it in tube with stool. Instead **place** it in **GREEN-TOP TUBE WITHOUT** scooping additional stool. Alternatively, a worm can be placed in a clean glass jar with rubbing alcohol, with no additional stool added to jar. Make note on requisition form that a worm was seen and write **WORM** on the tube. **Do not mix and mash** sample if there is a worm inside. **Do not shake tube** if there is a worm inside.

Repeat STEPS 3 through 5 with ORANGE-TOP TUBE, PINK-TOP TUBE, and the WHITE-TOP TUBE.

Note: There is no liquid in the WHITE-TOP TUBE.

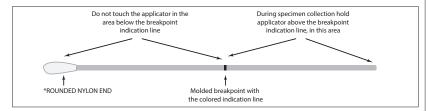




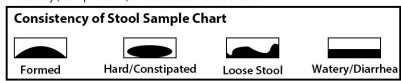


BLENDED SAMPLE & PRESERVATIVE CANNOT EXCEED THE RED FILL LINE

- Peel open swab package, remove the tube, and place it upright. The swab should remain in the sleeve until you are ready to collect sample.
- **8 Grasp** swab above the molded breakpoint which is the opposite end from the nylon applicator tip. (see diagram below)



- Ocllect sample by inserting the ROUNDED NYLON END\* (see above) of the swab into the stool sample and rotate it. Confirm that the swab contains fecal material. If not, repeat.
- **Open** the swab collection tube and insert the swab. **Mash** and **mix** the rounded nylon end of the swab with stool on it against the side of the tube.
- Break the swab off at the break point. Place the screw cap on the tube and tighten. Shake the tube. Using the peel and stick label, write patient's date of birth on the label and apply to the swab tube.
- Record the date of collection, stool consistency (refer to chart below), and stool color for Day 3 Collection only, on the Test Requisition Form in the sample consistency, sample color, and collection date areas.



- **13 Dispose of remaining sample** into toilet and put collection container and glove in **black disposable bag.**
- Place all tubes in the biohazard bag and refrigerate. Refrigerate until ready to ship. DO NOT FREEZE.



#### **ENSURE THE FOLLOWING:**

Peel and stick labels completed with patient's date of birth are on a	all tubes as
well as the test requisition form	

#### All tubes:

Are	tightly	closed '
-----	---------	----------

☐ Sealed in the biohazard bag with absorbent pad

☐ Refrigerated until packaged for shipping

#### All required information:

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included paper form. If using the online form, the paper form must still be
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Call 800.522.4762 or visit our website at www.gdx.net

## GASTROINTESTINAL 3 DAY COLLECTION

PATIENT SAMPLE COLLECTION INSTRUCTIONS FOR		
GI Effects Comprehensive Profile*	Stool	#2200
GI Effects Microbial Ecology Profile*	Stool	#2205
GI Effects Gut Pathogen Profile*	Stool	#2207
CDSA with Parasitology	Stool	#2001
CDSA 2.0	Stool	#2003

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- » Discontinue proton pump inhibitors (PPIs), and bismuth 14 Days prior if adding on the H. pylori test.
- 2 Days Before the Test:
  - » Discontinue aspirin and other NSAIDs (i.e. ibuprofen), rectal suppositories, enemas, activated charcoal, bismuth, betaine HCL, digestive enzymes, antacids, laxatives, mineral oil, castor oil, and/or bentonite clav.
- **DO NOT collect samples** when there is active bleeding from hemorrhoids or menstruation.
- Before collecting your specimen refer to the shipping instruction to determine what day you can ship.
   Ship only Monday through Friday, and within 24 hours after final collection.

#### COLLECTION

- Completely fill out front and back of test requisition form using the included form or online at www.gdx.net/register. Failure to provide all information will result in delay of test processing.
- Using the peel and stick labels provided record the patient's date of birth and place a label on each of the tubes and the test requisition form.



#### STOOL COLLECTION DAY ONE

- **9 Put on** the glove.
- 4 Collect your stool sample using the enclosed collection container. DO NOT contaminate the sample with either urine or water from the toilet.
- GREEN-TOP TUBE: Remove the cap. Transfer stool sample into the tube using the built-in scoop. Collect from different areas of the sample. Mix the sample with the liquid in the tube until it is as smooth as possible.

  Make sure that the liquid and sample do not exceed the FILL LINE. DO NOT OVERFILL. Screw the cap on tightly. Shake tube for 30 seconds.

**NOTE**: If a worm is seen, **DO NOT place** it in tube with stool. Instead **place** it in **GREEN-TOP TUBE WITHOUT** scooping additional stool. Alternatively, a worm can be placed in a clean glass jar with rubbing alcohol, with no additional stool added to jar. Make note on requisition form that a worm was seen and write **WORM** on the tube. **Do not mix and mash** sample if there is a worm inside. **Do not shake tube** if there is a worm inside.

- 6 Place in biohazard bag and refrigerate. Refrigerate tube until ready to ship. DO NOT FREEZE.
- Dispose of remaining sample into toilet and put collection container and glove in black disposable bag.





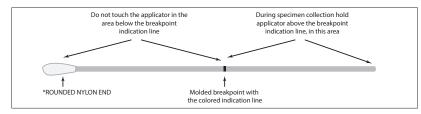
& PRESERVATIVE
CANNOT EXCEED
THE RED FILL LINE

#### STOOL COLLECTION DAY TWO

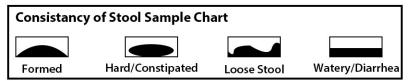
- 8 Follow Steps 3 through 6 using the contents of the DAY 2 bag including the GREEN-TOP TUBE.
- Dispose of remaining sample into toilet and put collection container and glove in black disposable bag.

#### STOOL COLLECTION DAY THREE

- Repeat STEPS 3 through 6 with GREEN-TOP TUBE, ORANGE-TOP TUBE, PINK-TOP TUBE, and the WHITE-TOP TUBE.
  - Note: There is no liquid in the WHITE-TOP TUBE.
- 11 Peel open swab package, remove the tube, and place it upright. The swab should remain in the sleeve until you are ready to collect sample.
- **12 Grasp** swab above the molded breakpoint which is the opposite end from the nylon applicator tip. (see diagram below)



- (3) Collect sample by inserting the ROUNDED NYLON END\* (see above) of the swab into the stool sample and **rotate** it. Confirm that the swab contains fecal material. If not, repeat.
- Open the swab collection tube and insert the swab. Mash and mix the rounded nylon end of the swab with stool on it against the side of the tube.
- **15 Break** the swab off at the break point. **Place** the screw cap on the tube and **tighten**. **Shake** the tube. Using the peel and stick label, **write** patient's date of birth on the label and apply to the swab tube.
- Record the date of collection, stool consistency (refer to chart below), and stool color for Day 3 Collection only, on the Test Requisition Form in the sample consistency, sample color, and collection date areas.



- **17 Dispose of remaining sample** into toilet and put collection container and glove in **black disposable bag.**
- **18 Place** all tubes in the biohazard bag and refrigerate. **Refrigerate** until ready to ship. **DO NOT FREEZE.**

