



Sales & Service  
 Ima Doctor  
 555 Main St  
 Alpharetta GA 30004

2001 Westside Pkwy Ste 290  
 Alpharetta GA 30004  
 855-DRG-LABS

Accession: 20150401001  
 Patient: John GPP-Sample-Report  
 Date of Birth:  
 Collection Date:  
 Completion Date: 12/16/2015  
 Ref ID:

## GI Pathogen Plus Profile

Bacteria and Toxins by PCR	Quantitation	Units	Assay Range	Result
<i>Clostridium difficile</i> ( <i>C. difficile</i> ) toxin A	486	MFI	10-5000	Positive
<i>Clostridium difficile</i> ( <i>C. difficile</i> ) toxin B	201	MFI	10-5000	Negative
Campylobacter ( <i>C. jejuni</i> , <i>C. coli</i> , <i>C. lari</i> )	222	MFI	10-5000	Negative
<i>Escherichia coli</i> ( <i>E. coli</i> ) 0157	395	MFI	10-5000	Positive
Enterotoxigenic <i>E. coli</i> (ETEC) heat labile (LT)	120	MFI	10-5000	Negative
Enterotoxigenic <i>E. coli</i> (ETEC) heat stable (ST)	111	MFI	10-5000	Negative
<i>Helicobacter pylori</i> ( <i>H. pylori</i> )	1000	MFI	10-5000	Positive
<i>H. pylori</i> virulence factor <i>cagA</i>	521	MFI	10-5000	Positive
<i>H. pylori</i> virulence factor <i>vacA</i>	695	MFI	10-5000	Positive
<i>H. pylori</i> Clarithromycin resistance	350	MFI	10-5000.00	Resistant
<i>H. pylori</i> stool antigen 1	415.00	ng/mL	0.00-1000.00	Positive
<i>Salmonella</i> spp.	65	MFI	10-5000	Negative
Shiga-like Toxin producing <i>E. coli</i> (STEC) stx1	114	MFI	10-5000	Negative
Shiga-like Toxin producing <i>E. coli</i> (STEC) stx2	10	MFI	10-5000	Negative
<i>Shigella</i> spp.	74	MFI	10-5000	Negative
Antibiotic Resistance by PCR *(see comment)	Quantitation	Units	Assay Range	Result
β-lactamase (bl2b-TEM)	485	MFI	10-5000	Resistant
Nitroimidazole ( <i>nimD</i> )	475	MFI	10-5000	Resistant
Fluoroquinolones ( <i>qnrA</i> )	20	MFI	10-5000	Susceptible
Tetracycline ( <i>tetA(P)</i> )	30	MFI	10-5000	Susceptible
Imidazole ( <i>nimA</i> )	222	MFI	10-5000	Susceptible
Vancomycin ( <i>vanA/vanB</i> )	2	MFI	10-5000	Susceptible
GI Health Markers	Quantitation	Units	Normal Range	Result
Anti-Gliadin IgA	0.4	U/mL	0.0-0.5	Normal
Calprotectin	55.0	µg/g	0.0-50.0	High
Elastase (coming soon)				N/A
Fecal Fat	2.50	g/24-48hrs	0.00-120.00	Normal
Fecal occult blood (FOBT)				Negative
Lactoferrin	1.00	µg/mL	0.00-7.00	Normal
(Secretory) sIgA1	4152.00	µg/mL	0.00-1000.00	High
(Secretory) sIgA2	3592.00	µg/mL	0.00-1000.00	High
Parasites by PCR	Quantitation	Units	Assay Range	Result
<i>Blastocystis hominis</i>	359	MFI	10-5000	Positive
<i>Entamoeba histolytica</i>	47	MFI	10-5000	Negative
Giardia spp.	15	MFI	10-5000	Negative
Trichomonas spp. (coming soon)		MFI	10-5000	N/A

This test was developed and its performance characteristics determined by DRG Laboratory. Diagnosis and treatment are the responsibility of the ordering physician.

Medical Director - Bernadette M. Mandes Wildemore, MD  
 CLIA # 11D2052150



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Fungi by PCR	Quantitation	Units	Assay Range	Result
Aspergillus spp. (coming soon)			10-5000	N/A
Candida spp.	845	MFI	10-5000	Negative

### Comments: Information on Specific Testing and Methodologies Used

**Please note:** The results indicated on this report represent organisms that may be commensal and normally found in a given patient, particularly given his or her environmental exposures. A positive value does not confirm a specific illness. Values given here should always be interpreted in concert with the greater clinical picture for an individual patient. Any laboratory value should never be taken in isolation without careful clinical judgement.

<sup>1</sup>Please note: The *Helicobacter pylori* (*H. pylori*) value can remain positive even in the absence of an active infection. The *H. pylori* stool antigen functions to determine if the infection is **active or current**; therefore, favoring treatment.

#### Bacteria and Toxins by PCR:

>= 350 indicates a positive value **with the EXCEPTION of *H. pylori* which is at >=50**

#### MFI = Median Fluorescence Intensity

MFI values of 350 and above generally indicate that the given tested organism is present in the range of approximately >100 cells/mL of stool. The MFI for each assay value is directly proportional to the amount of target protein bound to the microsphere. An MFI value of 350 and above generally indicate the presence of the given, tested parasitic or fungal DNA.

#### Fungi and Parasites:

>= 350 indicates a positive value

EXCEPT for *Candida* spp., where >= 1000 indicates a positive value

#### Antibiotic resistance (AR):

Tests for AR are performed only when a patient has a positive for any of the bacteria and toxins on the panel. Please note: AR results are patient specific, not organism specific.

References are available on our website at: <https://www.drglab.com/references.html>

More information on specific analytes are available at our website at: <https://www.DRGlab.com/wiki/>