



311 Ferst St NW Ste 1355B
 Atlanta GA 30332
 877-485-5336

Patient: Jane Doe
 Collected: 07/24/2015
 DOB: 12/19/1971

Accession: 20150727-0102
 Received: 07/24/2015
 Completed: 07/31/2015

Ordered by: Diane Farhi, MD

Pathogens

Bacterial Pathogens	Result	Expected
<i>Campylobacter</i>	Negative	Neg
<i>C. difficile</i> Toxin A	Negative	Neg
<i>C. difficile</i> Toxin B	Negative	Neg
<i>E. coli</i> O157	Negative	Neg
Enterotoxigenic <i>E. coli</i> LT	Negative	Neg
Enterotoxigenic <i>E. coli</i> ST	Negative	Neg
Shiga-like Toxin <i>E. coli</i> stx1	Negative	Neg
Shiga-like Toxin <i>E. coli</i> stx2	Negative	Neg
<i>Salmonella</i>	Positive	Neg
<i>Shigella</i>	Negative	Neg
<i>Vibrio cholera</i>	Negative	Neg
<i>Yersinia enterocolitica</i>	Negative	Neg

Parasitic Pathogens	Result	Expected
<i>Cryptosporidium</i>	Negative	Neg
<i>Entamoeba histolytica</i>	Negative	Neg
<i>Giardia</i>	Negative	Neg

Viral Pathogens	Result	Expected
Adenovirus 40	Positive	Neg
Adenovirus 41	Positive	Neg
Norovirus GI	Negative	Neg
Norovirus GII	Negative	Neg
Rotavirus A	Negative	Neg

H. pylori

<i>Helicobacter pylori</i>	4.03 E7	High	<7.0 E3
Virulence Factor, cagA	Positive		Neg
Virulence Factor, vacA	Negative		Neg

Normal Bacterial Flora

<i>Bacteroides fragilis</i> grp	6.2 E7		5.0 E5 - 3.2 E9
<i>Bifidobacter</i>	9.5 E7	Low	>8.9 E9
<i>Enterococcus</i>	2.0 E7	High	1.2 E4 - 3.1 E6
<i>E. coli</i>	4.2 E8	High	1.0 E4 - 7.6 E7
<i>Lactobacillus</i>	4.4 E5		1.0 E6 - 5.8 E9

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Opportunistic Bacteria

Potential Autoimmune Triggers	Result		Range
<i>Citrobacter spp.</i>	8.1 E6	High	<1.0 E4
<i>Klebsiella pneumoniae</i>	4.2 E3		<7.2 E3
<i>Proteus spp.</i>	1.2 E3		<6.2 E3
<i>Proteus mirabilis</i>	1.7 E3		<1.0 E3
<i>Yersinia enterocolytica (from pg 1)</i>	Negative		Neg

Additional Dysbiotic/Overgrowth Bacteria

<i>Morganella morganii</i>	8.0 E2		<1.0 E3
<i>Pseudomonas spp.</i>	1.2 E3		<2.5 E3
<i>Pseudomonas aeruginosa</i>	5.3 E8	High	<1.0 E3
<i>Staphylococcus spp.</i>	9.2 E3		<1.0 E4
<i>Streptococcus spp.</i>	4.2 E2		<1.0 E3

Parasites

<i>Blastocystis hominis</i>	9.1 E5	High	0.00
<i>Dientamoeba fragilis</i>	Negative		Neg
<i>Endolimax nana</i>	Negative		Neg
<i>Entamoeba coli</i>	Negative		Neg
<i>Chilomastix mesnelli</i>	Negative		Neg
<i>Pentatrichomonas hominis</i>	Negative		Neg
<i>Microsporidia spp.</i>	Negative		Neg

Fungi/Yeast

<i>Candida albicans</i>	8.7 E7	High	>5.0 E3
<i>Candida spp.</i>	Negative		Neg
<i>Cyclospora cayetanensis</i>	Negative		Neg
<i>Geotricum spp.</i>	<1000 cfu/g	Low	Neg
<i>Trichosporon spp.</i>	Negative		Neg

Additional Tests

	Result		Range
SigA	458	High	510-2040 ug/mL
Anti-gliadin	0.8		0.0-1.1 ug/g
Elastase 1	102	Low	>175 mcg/g
Lactoferrin	3.8		0.0-7.2 ug/mL
Occult blood	Negative		neg

Fungi/yeast; *Candida albicans* is reported as a quantitative value. All other fungi/yeast are reported semi-quantitative where Low = <1000, Mod = 1,000-100,000 and High = >100,000 cfu/g stool.

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Antibiotic Resistance Genes

	Phenotype	Genotype	Expected
Salmonella			
Sulfonamides	Negative	Positive	Neg
Trimethoprim	Negative	Negative	Neg
Fluoroquinolones	Negative	Negative	Neg
Macrolides	Negative	Negative	Neg
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Pseudomonas			
Sulfonamides	Negative	Positive	Neg
Trimethoprim	Negative	Negative	Neg

Phenotype; refers to resistance genes of the antibiotic/class that can be found on the genome of the positive organism.

Genotype; refers to resistance genes of the antibiotic/class that are not found on the genome of the positive organism but are found on genomes of bacteria of the microbiome.