

Patient: Sample Report
Collected: 11/14/2016
DOB: 11/06/1981

Accession: 20161116-0003
Received: 11/16/2016
Completed: 02/13/2017

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Pathogens

Bacterial Pathogens

	Result	Expected
<i>Campylobacter</i>	Negative	Negative
<i>C. difficile</i> , Toxin A	Negative	Negative
<i>C. difficile</i> , Toxin B	Negative	Negative
<i>E. coli</i> O157	Negative	Negative
Enterotoxigenic <i>E. coli</i> LT	Negative	Negative
Enterotoxigenic <i>E. coli</i> ST	Negative	Negative
Shiga-like Toxin <i>E. coli</i> stx1	Negative	Negative
Shiga-like Toxin <i>E. coli</i> stx2	Negative	Negative
<i>Shigella</i>	Negative	Negative
<i>Salmonella</i>	Equivocal	Negative
<i>Vibrio cholerae</i>	Negative	Negative
<i>Yersinia enterocolitica</i>	Negative	Negative

Viral Pathogens

	Result	Expected
Adenovirus 40/41	Negative	Negative
Norovirus GI	Negative	Negative
Norovirus GII	Negative	Negative
Rotavirus A	Negative	Negative

Parasitic Pathogens

	Result	Expected
<i>Cryptosporidium</i>	Negative	Negative
<i>Entamoeba histolytica</i>	Negative	Negative
<i>Giardia</i>	Positive	Negative

H. pylori

	Result	High	Range CFU/g
<i>Helicobacter pylori</i>	5.9e4	High	<1.0e3
Virulence Factor, cagA	Negative		Negative
Virulence Factor, vacA	Positive		Negative

Normal Bacterial Flora

			Range org/g
<i>Bacteroides fragilis</i>	5.3e5		5.00e5 - 3.00e9
<i>Bifidobacterium spp.</i>	9.4e9		>1.10e8
<i>Enterococcus spp.</i>	1.4e6		1.2e4 - 3.1e6
<i>Escherichia spp.</i>	3.7e8	High	1.00e4 - 7.60e7
<i>Lactobacillus spp.</i>	7.2e4	Low	1.0e6 - 5.80e9

Opportunistic Bacteria**Potential Autoimmune Triggers**

			Range CFU/g
<i>Citrobacter freundii</i>	<dl		<1.0e4
<i>Klebsiella pneumoniae</i>	<dl		<7.2e3
<i>Proteus spp.</i>	<dl		<6.2e3
<i>Proteus mirabilis</i>	<dl		<1.0e3

Additional Dysbiotic/Overgrowth Bacteria

			Range org/g
<i>Morganella spp.</i>	<dl		<1.0e3
<i>Pseudomonas spp.</i>	3.1e3	High	<2.5e3
<i>Pseudomonas aeruginosa</i>	1.6e4	High	<1.0e3
<i>Staphylococcus spp.</i>	7.6e3		<1.0e4
<i>Streptococcus spp.</i>	<dl		<1.0e3

Parasites

			Range
<i>Blastocystis hominis</i>	Positive		Negative
<i>Dientamoeba fragilis</i>	Negative		Negative
<i>Endolimax nana</i>	Negative		Negative
<i>Entamoeba coli</i>	Negative		Negative
<i>Chilomastix mesnelli</i>	Negative		Negative
<i>Cyclospora spp.</i>	Negative		Negative
<i>Pentatrichomonas hominis</i>	Negative		Negative

Fungi/Yeast

			Range
<i>Candida albicans</i>	6.1e4	High	<5.0e3
<i>Candida spp.</i>	Low		Neg
<i>Geotrichum spp.</i>	Negative		Neg
<i>Microsporidium spp.</i>	Negative		Neg
<i>Trichosporon spp.</i>	Negative		Neg

Intestinal Health

Digestion	Result	Range
Elastase-1	221	>200 ug/g
Steatocrit	13	<15 %

Immune Response

Secretory IgA	504	Low	510 - 2010 ug/g
Anti-gliadin IgA	86		0 - 100 U/L

Inflammation

Calprotectin	141	High	<50 ug/g
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Additional Tests

b-Glucuronidase	2314	High	<1123 U/mL
Fecal Occult Blood	Negative		Negative
Zonulin	15.57		15 - 107 ng/g