

Patient: Jenn Malecha
Collected: 02/07/2017
~~DOB: 03/16/1983~~

Accession: 20170209-0004
Received: 02/09/2017
Completed: 02/27/2017

Ordered by: Thomas Polucki, DC

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>	Negative	Negative

H. pylori

	Result	Range CFU/g
<i>Helicobacter pylori</i>	6.7e2	<1.0e3
Virulence Factor, cagA	Negative	Negative
Virulence Factor, vacA	Negative	Negative

Normal Bacterial Flora

			Range org/g
<i>Bacteroides fragilis</i>	8.4e8		5.00e5 - 3.00e9
<i>Bifidobacterium spp.</i>	5.8e7	Low	>1.10e8
<i>Enterococcus spp.</i>	3.4e5		1.2e4 - 3.10e6
<i>Escherichia spp.</i>	2.3e8	High	1.00e4 - 7.60e7
<i>Lactobacillus spp.</i>	4.7e6		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>	2.1e5	High	<1.0e3
<i>Pseudomonas spp.</i>	<dl		<2.5e3
<i>Pseudomonas aeruginosa</i>	3.0e6	High	<1.0e3
<i>Staphylococcus spp.</i>	<dl		<1.0e4
<i>Streptococcus spp.</i>	<dl		<1.0e3

Parasites

		Range
<i>Blastocystis hominis</i>	Negative	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>Pentatrachomonas hominis</i>	Negative	Negative

Fungi/Yeast

		Range
<i>Candida albicans</i>	<dl	<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

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Additional Tests

	Result		Range
Secretory IgA	1143		510 - 2010 ug/g
Anti-gliadin IgA	89		0 - 100 U/L
Elastase-1	189	Low	>200 ug/g
Calprotectin	19		<50 ug/g
b-Glucuronidase	1710	High	<1123 U/mL
Steatocrit	5		<15 %
Fecal Occult Blood	Negative		Negative