



5895 Shiloh Rd Ste 101
 Alpharetta GA 30005
 877-485-5336

GI Pathogens DNA Stool Analysis

Patient: Jane Doe
 Collected: 07/23/2017
 DOB: 12/19/1971

Accession: 20170724-0103
 Received: 07/24/2017
 Completed: 07/27/2017

Ordered by: Diane Farhi, MD

Pathogens

Bacterial Pathogens	Result		Normal
<i>Campylobacter</i>	<dl		<1.00e3
<i>C. difficile</i> , Toxin A	1.21e5	High	<1.00e3
<i>C. difficile</i> , Toxin B	2.27e5	High	<1.00e3
Enterohemorrhagic <i>E. coli</i>	<dl		<1.00e3
<i>E. coli</i> O157	8.60e0		<1.00e3
Enteroinvasive <i>E. coli</i> /Shigella	<dl		<1.00e2
Enterotoxigenic <i>E. coli</i> LT/ST	<dl		<1.00e3
Shiga-like Toxin <i>E. coli</i> stx1	<dl		<1.00e3
Shiga-like Toxin <i>E. coli</i> stx2	<dl		<1.00e3
<i>Salmonella</i>	<dl		<1.00e4
<i>Vibrio cholerae</i>	<dl		<1.00e5
<i>Yersinia enterocolitica</i>	4.46e1		<1.00e5

Parasitic Pathogens	Result		Normal
<i>Cryptosporidium</i>	<dl		<1.00e6
<i>Entamoeba histolytica</i>	<dl		<1.00e4
<i>Giardia</i>	<dl		<5.00e3

Viral Pathogens	Result		Normal
Adenovirus 40/41	<dl		<1.00e10
Norovirus GI/II	<dl		<1.00e7

H. pylori

	Result		Normal
<i>Helicobacter pylori</i>	2.9e3	High	<1.0e3
Virulence Factor, babA	Positive		Negative
Virulence Factor, cagA	Positive		Negative
Virulence Factor, dupA	Negative		Negative
Virulence Factor, iceA	Negative		Negative
Virulence Factor, oipA	Negative		Negative
Virulence Factor, vacA	Negative		Negative
Virulence Factor, virB	Positive		Negative
Virulence Factor, virD	Positive		Negative

The assays were developed and the performance characteristics determined by Diagnostic Solutions Laboratory.

Antibiotic Resistance Genes, phenotypes

Helicobacter		Result		Expected Result	
Amoxicillin		Negative		Absent	
A926G	Absent	AGA926-928TTC	Absent		
Clarithromycin		Positive		Absent	
A2142C	Absent	A2142G	Absent	A2143G	Present
Fluoroquinolones		Negative		Absent	
gyrA N87K	Absent	gyrA D91N	Absent	gyrA D91G	Absent
gyrB S479N	Absent	gyrB R484K	Absent		
Tetracycline		Positive		Absent	
PBP1A S414R	Present	PBP1A T556S	Absent	PBP1A N562Y	Absent