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 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	Expected
<i>Campylobacter</i>	<dl	<dl
<i>C. difficile</i> Toxin A	<dl	<dl
<i>C. difficile</i> Toxin B	<dl	<dl
Enterohemorrhagic <i>E. coli</i>	<dl	<dl
<i>E. coli</i> O157	<dl	<dl
Enteroinvasive <i>E. coli/Shigella</i>	<dl	<dl
Enteropathogenic <i>E. coli</i>	<dl	<dl
Enterotoxigenic <i>E. coli</i> LT/ST	<dl	<dl
Shiga-like Toxin <i>E. coli</i> stx1	<dl	<dl
Shiga-like Toxin <i>E. coli</i> stx2	<dl	<dl
<i>Salmonella</i>	6.4 e2 <b>Low</b>	<dl
<i>Vibrio cholerae</i>	<dl	<dl
<i>Yersinia enterocolitica</i>	<dl	<dl

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

Viral Pathogens	Result	Expected
<i>Adenovirus</i> 40/41	2.3 e3 <b>High</b>	<dl
<i>Norovirus</i> GI	<dl	<dl
<i>Norovirus</i> GII	<dl	<dl

## H. pylori

<i>Helicobacter pylori</i>	4.03 E6 <b>High</b>	<7.0 E3
Virulence Factor, babA	Negative	Neg
Virulence Factor, cagA	Negative	Neg
Virulence Factor, cagPAI	Negative	Neg
Virulence Factor, dupA	Negative	Neg
Virulence Factor, iceA	Negative	Neg
Virulence Factor, opiA	Negative	Neg
Virulence Factor, vacA	<b>Positive</b>	Neg

**Antibiotic Resistance Genes, phenotypes**

**Helicobacter**

<b>Clarithromycin</b>	<b>Positive</b>	Neg
<b>Fluoroquinolones</b>	<b>Negative</b>	Neg

**Antibiotic Resistance Genes, genotypes**

**Universal Microbiota Resistance Genes**

<b>B-lactamase</b>	<b>Positive</b>	Neg
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Genes associated to B-lactamase resistance

blatem-70	Present	SHV-24	Absent	blaPER-1	Absent
blaCTX-M-3	Absent	blaCTX-M-35	Absent	blaPER-2	Absent
bla-VEB-1	Absent	blatoho-3	Absent	blaGES-3	Absent
blaOXA-30	Absent	blaCTX-M-63	Absent	blaNDM-1	Absent

<b>Fluoroquinolones</b>	<b>Negative</b>	Neg
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qnrA2	Absent	qnrB	Absent
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<b>Macrolides</b>	<b>Positive</b>	Neg
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ermA	Absent	ermB	Present	ermC	Absent
mefE	Absent				

<b>Vancomycin</b>	<b>Negative</b>	Neg
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vanA1	Absent	vanA2	Absent	vanB	Absent
vanC	Absent				