

Patient: Ima Sample  
Collected: 2/10/2018  
DOB: 7/11/1981

Accession: 20180212-0001  
Received: 2/12/2018  
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Ordered by: Diane Farhi, MD

### H. pylori

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

### Antibiotic Resistance Genes, phenotypes

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