

CLINIC INFORMATION

 Name: Streamline Pathology Laboratory
 Address: 2868 Acton Road Suite 207 BIRMINGHAM, AL 35243
 Provider: Test, Doctor MD

PATIENT INFORMATION

 Name: PATIENT, TEST
 DOB: 6/30/1980 Sex: M
 Phone: (205)332-3160
 Address: 2868 ACTON ROAD VESTAVIA, AL35243

SPECIMEN INFORMATION

 Lab Accession Number: S-08232210337
 Date Collected: 08/22/22 12:00:00 AM
 Date Accessioned: 08/23/2022
 Date Reported: 08/24/2022
 Faxed to: 18777966185

Controls

Patient Extraction Control ¹	PASS
Endogenous Positive Control ¹	PASS
Pathogen Positive Control ²	PASS
Pathogen Negative Control ³	PASS

(1) Endogenous control confirms sample collection, DNA/RNA extraction, and assay enzyme activity
 (2) Positive control is synthetic inactive pathogen
 (3) Negative Control contains primers, probe, and enzymes with no DNA/RNA template
 (4) A "Detected" result indicates the presence of a pathogen (99.99% confidence) above the assay cutoff.

Test Performed	Lab Result (4) (Qualitative Low/Medium/High)	DNA Copy Number	Comments
SUMMARY Gastrointestinal Panel - Bacterial Pathogens		Collection Type: Not Specified, Stool - Fecal	
Escherichia coli (VTEC)	DETECTED - LOW	DETECTED - LOW	
Salmonella spp.	DETECTED - HIGH	1.00E+04	[08/23/22] Salmonella was detected by PCR and is a Notifiable Pathogen per ADPH. Result to be confirmed by lab via bacterial culture before reporting to ADPH. The required time for the ordering provider to notify ADPH is within 5 days from receipt of report.
SUMMARY Gastrointestinal Panel - Viral Pathogens		Collection Type: Not Specified, Stool - Fecal	
No Positive Results Detected			

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Test Performed	Lab Result (4) (Qualitative Low/Medium/High)	DNA Copy Number	Comments
Gastrointestinal Panel - Bacterial Pathogens			Collection Type: Not Specified, Stool - Fecal
Campylobacter coli/jejuni/lari	Not Detected	Not Detected	
Clostridium difficile	Not Detected	Not Detected	
--- Toxin A (tcdA)	Not Detected	Not Detected	
--- Toxin B (tcdB)	Not Detected	Not Detected	
Escherichia coli (VTEC)	DETECTED - LOW	DETECTED - LOW	
--- O157	Not Detected	Not Detected	
--- STX1	Not Detected	Not Detected	
--- STX2	Not Detected	Not Detected	
Salmonella spp.	DETECTED - HIGH	1.00E+04	[08/23/22] Salmonella was detected by PCR and is a Notifiable Pathogen per ADPH. Result to be confirmed by lab via bacterial culture before reporting to ADPH. The required time for the ordering provider to notify ADPH is within 5 days from receipt of report.
Shigella spp.	Not Detected	Not Detected	
Yersinia enterocolitica	Not Detected	Not Detected	

Gastrointestinal Panel - Viral Pathogens			Collection Type: Not Specified, Stool - Fecal
Adenovirus	Not Detected	Not Detected	
Astrovirus	Not Detected	Not Detected	
Norovirus GI	Not Detected	Not Detected	
Norovirus GII	Not Detected	Not Detected	
Rotavirus	Not Detected	Not Detected	
Sapovirus	Not Detected	Not Detected	

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Test results must be evaluated with clinical symptoms to diagnose disease. All tests established and validated by Laboratory and not FDA approved unless otherwise indicated.

Methodology statement: Real-time PCR assays are designed to detect pathogens with clinical significance and analytical sensitivity and specificity greater than 99%.

Limitations: While these assays are very sensitive and specific, theoretically these assays could detect pathogens not listed, resulting in a false positive.

In addition, while these assays are very specific, there may be target pathogen sequences with unknown sequence variability which may not be detected, resulting in a false negative result.