

Gut Diversity

INDEX	Reference	Current	Previous	PHYLA
Simpson's Index	≥ 0.74	0.58	0.66 (05-30-2023)	<ul style="list-style-type: none">9.7% Proteobacteria2.7% Actinobacteria0.5% Fusobacteria33.1% Bacteroidetes53.9% Firmicutes0.0% Euryarchaeota0.1% Verrucomicrobia
Shannon's Index	≥ 2.40	2.5	1.2 (05-30-2023)	

KEY RATIOS	Current	Previous	Result	Reference
Firmicutes/Bacteroidetes	1.6	3.2 (05-30-2023)		≤0.9
Proteobacteria/Bacteroidetes	1.49	>2.5 (05-30-2023)		≥0.48

Gut Commensals

Test Name	Current	Previous	Reference	Test Name	Current	Previous	Reference
SIBO	2.7	2.7 (05-30-2023)	≤2.0	Autoimmune health	2.2	2.4 (05-30-2023)	≤2.0
Neurological health	2.1	2.3 (05-30-2023)	≤2.0	IBS	3.3	3.0 (05-30-2023)	≤2.0
Intestinal permeability	1.6	1.9 (05-30-2023)	≤2.0	Cardiovascular health	1.5	1.7 (05-30-2023)	≤2.0
Metabolic health	2.0	2.3 (05-30-2023)	≤2.0	Nutrition	0.9	1.1 (05-30-2023)	≤2.0
Liver health	1.9	2.9 (05-30-2023)	≤2.0	IBD	1.7	1.4 (05-30-2023)	≤2.0
Hormones	0.8	0.8 (05-30-2023)	≤2.0				

COMMENSAL BACTERIA IN IMBALANCE
Acinetobacter, Bacteroides vulgatus, Bifidobacterium animalis, Christensenella minuta, Clostridia clusters IV, Clostridia clusters XVIII, Clostridium, Dorea, Dorea, Enterobacteriaceae, Enterococcus species, Leuconostoc, Mycoplana, Oscillospira, Prevotella copri, Roseburia intestinalis, Staphylococcus pasteurii, Veillonella, Veillonellaceae, Bifidobacterium animalis, Bifidobacterium breve, Bifidobacterium infantis, Saccharomyces boulardii

SUGGESTED PROBIOTICS INCLUDE
Bifidobacterium animalis, Bifidobacterium breve, Bifidobacterium infantis, Saccharomyces boulardii

SUGGESTED SUPPLEMENTS INCLUDE:
Berberine, Origanum Vulgare, Wormwood Oil, Lemon Balm Oil, Barberry Root Extract, Glycine, Pantothenic Acid, Riboflavin, Vitamin B6, Folate, Vitamin B12, Betaine, Omega-3 Fatty Acids, Whey Protein Concentrate, Watercress, Green Tea Catechins, Betaine Hcl, Pepsin, Magnesium Citrate, Aloe Leaf Extract, Triphala, L-glutamine, Immunoglobulin G, Zinc Carnosine, Licorice Root Extract, Selenium, Milk Thistle Extract, Alpha-lipoic Acid, N-acetyl-l-cysteine, Vitamin D, Isoflavone, Taurine, Chitin-glucan, Peptidase

INFLAMMATION MARKERS

Test Name	Current	Previous	Result	Reference
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Beta defensin 2 (ng/mL)	100.8	89.5 (05-30-2023)		≤34.9
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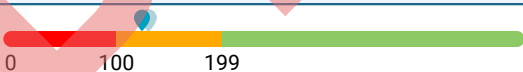
Beta-defensin 2 is an antibiotic peptide locally regulated by inflammation in humans. It is produced by a number of epithelial cells and exhibits potent antimicrobial activity against Gram-negative bacteria and Candida, but not Gram-positive bacteria. It has been speculated that beta-defensin 2 may contribute to the infrequency of Gram-negative infections on skin and lung tissue.

S100A12 (mcg/ml)	82.0	100.2 (05-30-2023)		≤50.0
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Fecal S100A12 is a novel noninvasive marker that has been shown to distinguish active IBD from healthy control subjects in certain populations. S100A12 levels were evenly distributed throughout fecal samples and were stable for 7 days when stored at room temperature. Fecal S100A12 was shown to be elevated in children with IBD compared with healthy control subjects, with levels closely correlated to disease activity and other serum inflammatory markers, particularly lower gut involvement.

DIGESTIVE INSUFFICIENCY AND MALABSORPTION MARKERS

ENZYME INSUFFICIENCY	Current	Previous	Result	Reference
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Pancreatic elastase 1 (mcg/g)	106.5	118.1 (05-30-2023)		≥200.0
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Consider digestive support with betaine HCL. Consider pepsin, plant or pancreatic enzyme supplements, digestive herbs, bile salts, and taurine. Micronutrient evaluation recommended, especially for fat soluble vitamins A, D, E, and K.

FAT MALABSORPTION	Current	Previous	Result	Reference
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Total Fecal Fat (mg/g)	41.3	38.6 (05-30-2023)		2.9-37.5
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This test measures the amount of fat in a stool sample. Excess fecal fat (termed steatorrhea) in stool is indicative of malabsorption disorder. The absorption of fat can be varied by production of bile in the gallbladder or liver, production of digestive enzymes in the pancreas, and normal functioning of the intestines. Decreased absorption of fat can be a sign of many different illnesses, including celiac disease, crohn's disease, cystic fibrosis, pancreatitis, etc.

Total Phospholipids (mg/g)	6.9	7.8 (05-30-2023)		0.3-6.4
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Total Phospholipid subfraction

GUT METABOLITES

BILE ACID METABOLITES	Current	Previous	Result	Reference
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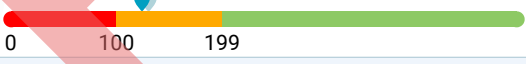
Cholic acid (CA) (%)	0.47	0.61 (05-30-2023)		≤0.36
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Consider digestive support with betaine HCL. Consider pepsin, plant or pancreatic enzyme supplements, digestive herbs, bile salts, and taurine. Micronutrient evaluation recommended, especially for fat soluble vitamins A, D, E, and K.

INFLAMMATION MARKERS

Test Name	Current	Previous	Result	Reference
Calprotectin (mcg/g)	31.2	46.9 (05-30-2023)		≤50.0
Fecal Eosinophil Protein X (mcg/g)	0.8	2.3 (05-30-2023)		≤4.8
Fecal lactoferrin (mcg/ml)	3.6	0.4 (05-30-2023)		≤6.4
MMP 9 (ng/mL)	0.2	0.2 (05-30-2023)		≤0.2
Beta defensin 2 (ng/mL)	100.8	89.5 (05-30-2023)		≤34.9
Lysozyme (ng/mL)	526.8	125.6 (05-30-2023)		≤575.0
S100A12 (mcg/ml)	82.0	100.2 (05-30-2023)		≤50.0

DIGESTIVE INSUFFICIENCY AND MALABSORPTION MARKERS

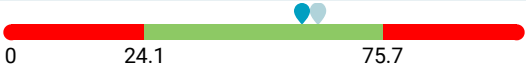
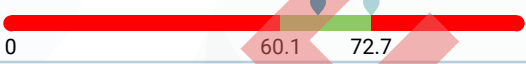
ENZYME INSUFFICIENCY		Current	Previous	Result	Reference
Pancreatic elastase 1 (mcg/g)		106.5	118.1 (05-30-2023)		≥200.0
DIETARY FIBER MARKERS		Current	Previous	DIETARY FIBER MARKERS	
Meat fiber		NOT DETECTED	NOT DETECTED (05-30-2023)	Vegetable fiber	
				NOT DETECTED (05-30-2023)	

FAT MALABSORPTION		Current	Previous	Result	Reference
Total Fecal Fat (mg/g)		41.3	38.6 (05-30-2023)		2.9-37.5
Total Fecal Triglycerides (mg/g)		1.7	0.7 (05-30-2023)		0.3-2.5
Long chain fatty acids (mg/g)		25.7	9.5 (05-30-2023)		0.9-28.1
Total Cholesterol (mg/g)		3.2	2.3 (05-30-2023)		0.5-5.3
Total Phospholipids (mg/g)		6.9	7.8 (05-30-2023)		0.3-6.4

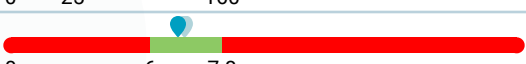
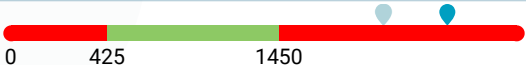
GUT METABOLITES

BILE ACID METABOLITES		Current	Previous	Result	Reference
Cholic acid (CA) (%)		0.47	0.61 (05-30-2023)		≤0.36
Chenodeoxycholic acid (CDCA) (%)		0.84	0.65 (05-30-2023)		≤1.25
Deoxycholic acid (DCA) (%)		27.69	46.86 (05-30-2023)		24.25-75.84

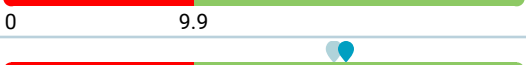
GUT METABOLITES

BILE ACID METABOLITES	Current	Previous	Result	Reference
Lithocholic acid (LCA) (%)	59.97	64.24 (05-30-2023)		24.16-75.75
LCA/DCA ratio	2.17	1.37 (05-30-2023)		0.32-3.38
SHORT CHAIN FATTY ACIDS	Current	Previous	Result	Reference
Acetate (%)	64.1	72.7 (05-30-2023)		60.2-72.7
Butyrate (%)	8.4	6.5 (05-30-2023)		5.1-12.4
Propionate (%)	22.8	18.1 (05-30-2023)		15.4-30.3
Valerate (%)	2.9	2.6 (05-30-2023)		0.8-3.5
Total Short chain fatty acids (micromol/g)	200.7	172.0 (05-30-2023)		45.4-210.1

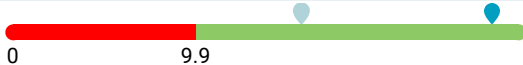
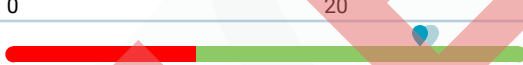
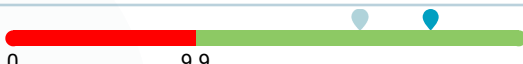
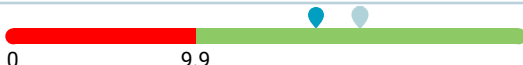
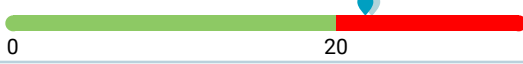
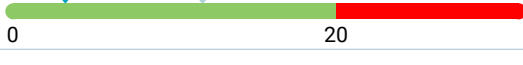
OTHER MARKERS

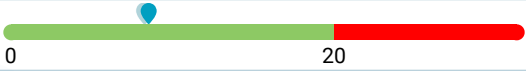
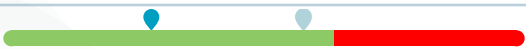
Test Name	Current	Previous	Result	Reference
β-glucuronidase (U/mL)	1250	1649 (05-30-2023)		≤2300.0
Fecal Occult Blood (mcg/g)	2.9	0.2 (05-30-2023)		≤10.0
Fecal Anti Gliadin (U/L)	115.3	127.3 (05-30-2023)		≤148.0
Fecal Zonulin (ng/mL)	155.3	159.2 (05-30-2023)		25.1-160.8
pH	6.4	6.8 (05-30-2023)		6.1-7.8
slgA (mcg/g)	2617.0	2107.4 (05-30-2023)		426.0-1450.0

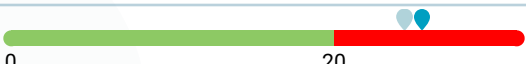
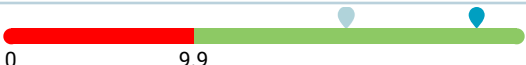
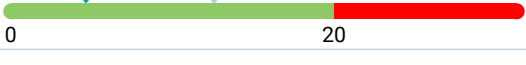
Gut Commensals - Gut Microbiome

Test Name	Current	Previous	Result	Reference
Acinetobacter	>30	29.4 (05-30-2023)		≤20.0
Akkermansia muciniphila	23.6	11.8 (05-30-2023)		≥10.0
Alloprevotella	19.1	18.3 (05-30-2023)		≥10.0
Atopobium	16.2	3.2 (05-30-2023)		≤20.0
Atopobium parvulum	16.4	17.9 (05-30-2023)		≤20.0

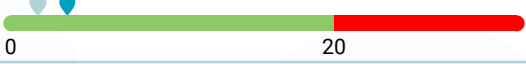
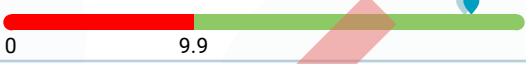
Gut Commensals - Gut Microbiome

Test Name	Current	Previous	Result	Reference
Bacillus subtilis	29.3	15.8 (05-30-2023)		≥10.0
Bacteroidales	19.8	8.8 (05-30-2023)		≤20.0
Bacteroides	9.7	6.3 (05-30-2023)		≤20.0
Bacteroides caccae	9.3	4.8 (05-30-2023)		≤20.0
Bacteroides vulgatus	22.9	21.8 (05-30-2023)		≤20.0
Bifidobacterium	24.2	25.0 (05-30-2023)		≥10.0
Bifidobacterium adolescentis	15.0	17.9 (05-30-2023)		≥10.0
Bifidobacterium animalis	5.8	7.6 (05-30-2023)		≥10.0
Bifidobacterium animalis subsp. lactis	23.8	10.9 (05-30-2023)		≥10.0
Bifidobacterium catenulatum	14.0	14.5 (05-30-2023)		≥10.0
Blautia	10.9	17.2 (05-30-2023)		≤20.0
Blautia hydrogenotrophica	19.5	0.5 (05-30-2023)		≤20.0
Bradyrhizobiaceae	19.5	23.7 (05-30-2023)		≤20.0
Butyricimonas	25.0	20.0 (05-30-2023)		≥10.0
Butyrivibrio	28.7	20.4 (05-30-2023)		≥10.0
Catenibacterium	11.9	21.4 (05-30-2023)		≥10.0
Christensenella minuta	24.6	25.2 (05-30-2023)		≤20.0
Clostridia clusters IV	4.8	4.6 (05-30-2023)		≥10.0
Clostridia clusters XIVa	16.5	11.8 (05-30-2023)		≥10.0
Clostridia clusters XVIII	4.0	4.8 (05-30-2023)		≥10.0
Clostridiales Family XIV Incertae Sedis	16.9	20.0 (05-30-2023)		≥10.0
Clostridium	20.6	21.0 (05-30-2023)		≤20.0
Clostridium hathewayi	2.2	12.0 (05-30-2023)		≤20.0

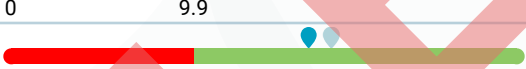
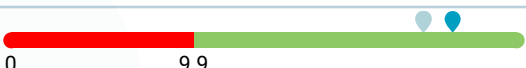
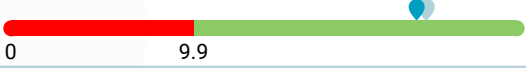
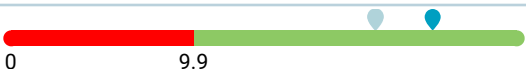
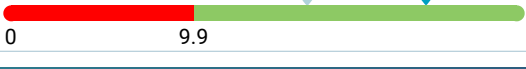
Gut Commensals - Gut Microbiome				
Test Name	Current	Previous	Result	Reference
Clostridium ramosum	8.3	8.0 (05-30-2023)		≤20.0
Clostridium symbiosum	19.5	10.1 (05-30-2023)		≤20.0
Clotridiales Incertae Sedis IV	12.0	19.1 (05-30-2023)		≤20.0
Collinsella	8.4	3.2 (05-30-2023)		≤20.0
Coprococcus	13.5	24.4 (05-30-2023)		≥10.0
Desulfovibrio	16.8	0.4 (05-30-2023)		≤20.0
Desulfovibrio piger	12.8	13.4 (05-30-2023)		≤20.0
Dialister invisus	27.5	17.0 (05-30-2023)		≥10.0
Dorea	>30	29.0 (05-30-2023)		≤20.0
Dorea	>30	29.0 (05-30-2023)		≤20.0
Eggerthella lenta	17.4	1.7 (05-30-2023)		≤20.0
Enterobacter aerogenes	15.2	16.0 (05-30-2023)		≤20.0
Enterobacteria	8.5	19.3 (05-30-2023)		≤20.0
Enterobacteriaceae	28.3	26.9 (05-30-2023)		≤20.0
Enterococcus	8.4	16.2 (05-30-2023)		≤20.0
Enterococcus gallinarum	4.9	8.2 (05-30-2023)		≤20.0
Enterococcus species	24.9	25.2 (05-30-2023)		≤20.0
Escherichia coli	9.8	9.5 (05-30-2023)		≤20.0
Eubacterium	30.0	20.0 (05-30-2023)		≥10.0
Eubacterium rectale	29.1	15.1 (05-30-2023)		≥10.0
Faecalibacterium	19.6	22.3 (05-30-2023)		≥10.0
Faecalibacterium prausnitzii	17.4	18.3 (05-30-2023)		≥10.0
Fusobacterium	9.2	2.5 (05-30-2023)		≤20.0

Gut Commensals - Gut Microbiome				
Test Name	Current	Previous	Result	Reference
Haemophilus	14.0	1.7 (05-30-2023)		≤20.0
Lachnospiraceae	15.1	15.1 (05-30-2023)		≥10.0
Lactobacillaceae	5.2	7.1 (05-30-2023)		≤20.0
Lactobacillus	14.3	18.3 (05-30-2023)		≥10.0
Lactobacillus animalis	22.6	20.2 (05-30-2023)		≥10.0
Lactobacillus ruminis	7.6	18.1 (05-30-2023)		≤20.0
Lactobacillus sakei	13.0	24.8 (05-30-2023)		≥10.0
Lactococcus	12.7	12.8 (05-30-2023)		≥10.0
Leuconostoc	7.1	8.8 (05-30-2023)		≥10.0
Methanobrevibacter	10.4	6.9 (05-30-2023)		≤20.0
Methanobrevibacter smithii	4.0	7.6 (05-30-2023)		≤20.0
Micrococcus	16.6	21.8 (05-30-2023)		≤20.0
Mycoplasma	24.8	29.2 (05-30-2023)		≤20.0
Oscillospira	24.7	23.5 (05-30-2023)		≤20.0
Pediococcus	27.5	13.0 (05-30-2023)		≥10.0
Peptostreptococcus	7.3	8.8 (05-30-2023)		≤20.0
Phascolarctobacterium	16.9	19.7 (05-30-2023)		≤20.0
Porphyromonas gingivalis	14.4	8.6 (05-30-2023)		≤20.0
Prevotella	14.5	22.5 (05-30-2023)		≥10.0
Prevotella copri	7.3	9.5 (05-30-2023)		≥10.0
Propionibacterium	28.3	19.1 (05-30-2023)		≥10.0
Propionibacterium freudenreichii	14.2	14.5 (05-30-2023)		≥10.0
Proteus mirabilis	3.8	13.0 (05-30-2023)		≤20.0

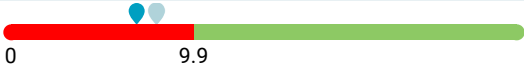
Gut Commensals - Gut Microbiome

Test Name	Current	Previous	Result	Reference
Pseudobutyrvibrio	13.3	21.0 (05-30-2023)		≥10.0
Pseudomonas	2.5	0.4 (05-30-2023)		≤20.0
Roseburia	28.0	27.5 (05-30-2023)		≥10.0
Roseburia intestinalis	0.2	0.3 (05-30-2023)		≥10.0
Ruminococcaceae	16.5	21.2 (05-30-2023)		≥10.0
Ruminococcus	7.9	7.8 (05-30-2023)		≤20.0
Ruminococcus bromii	21.0	26.9 (05-30-2023)		≥10.0
Ruminococcus gnavus	15.8	10.1 (05-30-2023)		≤20.0
Ruminococcus obeum	14.0	1.5 (05-30-2023)		≤20.0
Solobacterium moorei	16.2	1.5 (05-30-2023)		≤20.0
β-galactosidase producing bacteria	13.2	8.4 (05-30-2023)		≤20.0
β-glucuronidase producing bacteria	14.8	15.9 (05-30-2023)		≤20.0
Staphylococcaceae	19.1	6.7 (05-30-2023)		≤20.0
Staphylococcus epidermidis	4.9	1.3 (05-30-2023)		≤20.0
Staphylococcus pasteurii	>30	29.2 (05-30-2023)		≤20.0
Staphylococcus species	0.4	5.3 (05-30-2023)		≤20.0
Streptococci	14.6	7.8 (05-30-2023)		≤20.0
Streptococcus species	12.7	0.6 (05-30-2023)		≤20.0
Tyzzarella	18.8	4.2 (05-30-2023)		≤20.0
Tyzzarella 4	3.5	1.7 (05-30-2023)		≤20.0
Veillonella	26.1	20.2 (05-30-2023)		≤20.0
Veillonellaceae	0.4	0.5 (05-30-2023)		≥10.0

Gut Commensals - Probiotic Organisms

Test Name	Current	Previous	Result	Reference
Bacillus coagulans	12.3	9.7 (05-30-2023)		≥10.0
Bifidobacterium	24.2	25.0 (05-30-2023)		≥10.0
Bifidobacterium animalis	5.8	7.6 (05-30-2023)		≥10.0
Bifidobacterium bifidum	24.5	24.2 (05-30-2023)		≥10.0
Bifidobacterium breve	1.4	1.3 (05-30-2023)		≥10.0
Bifidobacterium dentium	16.5	18.1 (05-30-2023)		≥10.0
Bifidobacterium infantis	7.6	6.1 (05-30-2023)		≥10.0
Bifidobacterium lactis	24.7	17.2 (05-30-2023)		≥10.0
Bifidobacterium longum	25.6	20.4 (05-30-2023)		≥10.0
Escherichia coli Nissle	29.8	12.6 (05-30-2023)		≥10.0
Lactobacillus	14.3	18.3 (05-30-2023)		≥10.0
Lactobacillus acidophilus	12.3	21.8 (05-30-2023)		≥10.0
Lactobacillus animalis	22.6	20.2 (05-30-2023)		≥10.0
Lactobacillus brevis	26.6	24.6 (05-30-2023)		≥10.0
Lactobacillus bulgaricus	24.1	24.8 (05-30-2023)		≥10.0
Lactobacillus casei	14.2	23.3 (05-30-2023)		≥10.0
Lactobacillus fermentum	29.1	11.8 (05-30-2023)		≥10.0
Lactobacillus paracasei	14.0	13.2 (05-30-2023)		≥10.0
Lactobacillus plantarum	24.0	23.7 (05-30-2023)		≥10.0
Lactobacillus reuteri	22.4	24.4 (05-30-2023)		≥10.0
Lactobacillus rhamnosus	25.2	21.2 (05-30-2023)		≥10.0
Lactobacillus rhamnosus GG	22.6	15.8 (05-30-2023)		≥10.0
Lactobacillus salivarius	24.8	16.4 (05-30-2023)		≥10.0

Gut Commensals - Probiotic Organisms

Test Name	Current	Previous	Result	Reference
Saccharomyces boulardii	7.4	8.8 (05-30-2023)		≥10.0
Streptococcus	11.4	14.1 (05-30-2023)		≥10.0
Streptococcus thermophilus	24.1	23.1 (05-30-2023)		≥10.0

GUT PATHOGENS

Bacteria	Current	Previous	Reference	Bacteria	Current	Previous	Reference
Clostridium difficile Toxin A	<1e2	<1e2 (05-11-2023)	≤1e3	Clostridium difficile Toxin B	<1e2	<1e2 (05-11-2023)	≤1e3
Campylobacter spp	<1e2	1.4e4 (05-11-2023)	≤1e2	Campylobacter jejuni	<1e1	<1e1 (05-11-2023)	≤1e2
Campylobacter coli	<1e2	<1e2 (05-11-2023)	≤1e2	Campylobacter upsaliensis	<1e2	<1e2 (05-11-2023)	≤1e2
Plesiomonas shigelloides	<3e2	<3e2 (05-11-2023)	≤3e2	Vibrio (parahaemolyticus)	<3e3	<3e3 (05-11-2023)	≤3e3
Enteropathogenic E.coli (EPEC)	<1.5e3	<1.5e3 (05-11-2023)	≤1.5e3	Enterotoxigenic E.coli (ETEC) Lt/St	<2e3	<2e3 (05-11-2023)	≤2e3
E.coli O157	<1.1e1	<1.1e1 (05-11-2023)	≤1e2	Shiga-Like Toxin Producing E.coli (STEC) Stx1/Stx2	<1e2	<1e2 (05-11-2023)	≤1e2
Shigella/EIEC	<1.3e1	<1.3e1 (05-11-2023)	≤1e2	Helicobacter pylori	<1e2	<1e2 (05-11-2023)	≤1.5e4
Listeria	<3e3	<3e3 (05-11-2023)	≤3e3	Vibrio (cholerae)	<2e2	<2e2 (05-11-2023)	≤2e2
Enteraggregative E.coli (EAEC)	<1e2	<1e2 (05-11-2023)	≤1e2	Klebsiella pneumoniae	<3.5e3	<3.5e3 (05-11-2023)	≤3.5e3
Edwardsiella tarda	<4.5e3	<4.5e3 (05-11-2023)	≤4.5e3	Yersinia enterocolitica	<2e4	<2e4 (05-11-2023)	≤2e4
Vibrio (vulnificus)	<1e4	<1e4 (05-11-2023)	≤1e4	Salmonella	<2e3	<2e3 (05-11-2023)	≤2e3
Parasites - Protozoans	Current	Previous	Reference	Parasites - Protozoans	Current	Previous	Reference
Cryptosporidium	<1e2	<1e2 (05-11-2023)	≤1e2	Entamoeba histolytica	<1e2	<1e2 (05-11-2023)	≤1e2
Giardia lamblia	<4e2	<4e2 (05-11-2023)	≤4e2	Cyclospora cayetanensis	<1.5e2	<1.5e2 (05-11-2023)	≤2e3
Chilomastix mesnili	<2e3	<2e3 (05-11-2023)	≤2e3	Cyclospora spp.	<2.5e3	<2.5e3 (05-11-2023)	≤2.5e3
Dientamoeba fragilis	<1e3	<1e3 (05-11-2023)	≤1e3	Endolimax nana	<2e3	<2e3 (05-11-2023)	≤2e3
Entamoeba coli	<2e3	<2e3 (05-11-2023)	≤2e3	Pentatrichomonas hominis	<1e3	<1e3 (05-11-2023)	≤1e3
Blastocystis hominis	<1e3	<1e3 (05-11-2023)	≤1e3	Trichomonas hominis	<1e3	<1e3 (05-11-2023)	≤1e3

GUT PATHOGENS							
Parasites - Protozoans	Current	Previous	Reference				
Isospora belli	<1e3	<1e3 (05-11-2023)	≤1e3				
Parasites - Helminths	Current	Previous		Parasites - Helminths	Current	Previous	
Larval Nematode	NOT DETECTED	NOT DETECTED (05-11-2023)		Strongyloides stercoralis	NOT DETECTED	NOT DETECTED (05-11-2023)	
Taenia solium	NOT DETECTED	NOT DETECTED (05-11-2023)		Schistosoma	NOT DETECTED	NOT DETECTED (05-11-2023)	
Fasciola/Fasciolopsis	NOT DETECTED	NOT DETECTED (05-11-2023)		Hymenolepis	NOT DETECTED	NOT DETECTED (05-11-2023)	
Dipylidium caninum	NOT DETECTED	NOT DETECTED (05-11-2023)		Diphyllobothrium latum	NOT DETECTED	NOT DETECTED (05-11-2023)	
Enterobius vermicularis	NOT DETECTED	NOT DETECTED (05-11-2023)		Mansonella	NOT DETECTED	NOT DETECTED (05-11-2023)	
Ancylostoma duodenale	NOT DETECTED	NOT DETECTED (05-11-2023)		Ascaris lumbricoides	NOT DETECTED	NOT DETECTED (05-11-2023)	
Necator americanus	NOT DETECTED	NOT DETECTED (05-11-2023)		Trichuris trichiura	NOT DETECTED	NOT DETECTED (05-11-2023)	
Taenia spp.	NOT DETECTED	NOT DETECTED (05-11-2023)					
Virus	Current	Previous	Reference	Virus	Current	Previous	Reference
Adenovirus F40/41	<1e2	<1e2 (05-11-2023)	≤1e2	Rotavirus A	<3.1e2	<3.1e2 (05-11-2023)	≤3.1e2
Astrovirus	<1.2e3	<1.2e3 (05-11-2023)	≤1.2e3	Norovirus GI	<1e2	<1e2 (05-11-2023)	≤1e3
Norovirus GII	<1e2	<1e2 (05-11-2023)	≤1e3	Sapovirus I	<2.1e2	<2.1e2 (05-11-2023)	≤2.1e2
Sapovirus II	<2.1e2	<2.1e2 (05-11-2023)	≤2.1e2	Sapovirus V	<2.1e2	<2.1e2 (05-11-2023)	≤2.1e2
Sapovirus IV	<2.1e2	<2.1e2 (05-11-2023)	≤2.1e2	Cytomegalovirus	<1e3	<1e3 (05-11-2023)	≤1e3
Epstein Barr virus	<1e3	<1e3 (05-11-2023)	≤1e3				
Fungi	Current	Previous	Reference	Fungi	Current	Previous	Reference
Candida albicans	<1.1e2	<1.1e2 (05-11-2023)	≤1.1e2	Candida spp.	<1.2e1	<1.2e1 (05-11-2023)	≤1.1e2
Geotrichum spp.	<1.1e2	<1.1e2 (05-11-2023)	≤1.1e2	Microsporidium spp.	<1.1e2	<1.1e2 (05-11-2023)	≤1.1e2
Rodotorula spp.	<2.5e3	<2.5e3 (05-11-2023)	≤2.5e3				
Antibiotic Resistance Genes	Current	Previous		Antibiotic Resistance Genes	Current	Previous	
Helicobacter - Clarithromycin	NOT DETECTED	NOT DETECTED (05-11-2023)		Helicobacter - Fluoroquinolones	NOT DETECTED	NOT DETECTED (05-11-2023)	

GUT PATHOGENS					
Antibiotic Resistance Genes	Current	Previous	Antibiotic Resistance Genes	Current	Previous
b-lactamase	NOT DETECTED	NOT DETECTED (05-11-2023)	Fluoroquinolones	NOT DETECTED	NOT DETECTED (05-11-2023)
Macrolides	NOT DETECTED	NOT DETECTED (05-11-2023)	Vancomycin	NOT DETECTED	NOT DETECTED (05-11-2023)

SAMPLE