

Eda Rivers

Date of Birth **01 Jan 1990**

Sex **Other**

Report ID **R123030001253**

Sampling **12:30am on 18 July 2023**

Report Released on **12:30am on 19 July 2023**

Diversity

INSIGHTS 7

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METAXPLORE™ GI PLUS

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Microbial Markers

RESEARCH USE ONLY
NOT FOR DIAGNOSTIC USE

Marker	Relative Abundance	Distance from Average
Microbial Diversity	 ND 3.50	-1.29
Microbial Richness	 ND 127.00	-1.39

The Faecal Occult Blood, Quantitative Polymerase Chain Reaction (QPCR) And Enzyme-Linked Immunosorbent Assays (ELISA) Used In The MetaXplore™ Range Are Diagnostic And Are Approved For Clinical Use.

The Metagenomic Assays Used In The MetaXplore™ Range Are To Determine The Microbiome Populations And Associated Functional Pathways In A Faecal Sample. The Application Is For Research Use Only And Not To Be Used As A Basis For Diagnosis.

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Intestinal Motility

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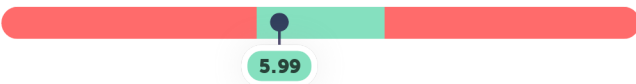
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INSIGHTS 7


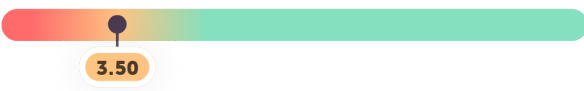

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Gastrointestinal Health Markers

Marker	Result	Reference Range
Faecal pH <small>RESEARCH USE ONLY NOT FOR DIAGNOSTIC USE</small>	ND  5.99	5.70 - 7.30

Microbial Markers

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Marker	Relative Abundance	Distance from Average
Methane producing archaea -	 0.00%	
Microbial Diversity	ND  3.50	-1.29
Propionate producing microbes +	ND  6.79%	+0.98

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Intestinal Inflammation

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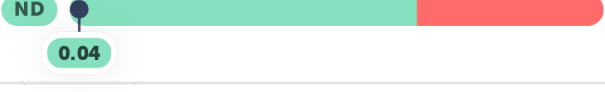
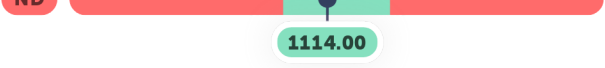
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INSIGHTS **15**

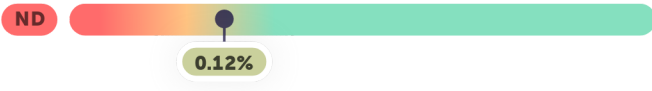
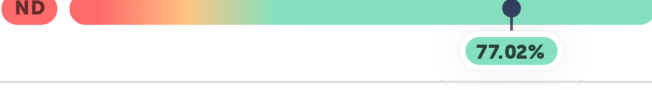
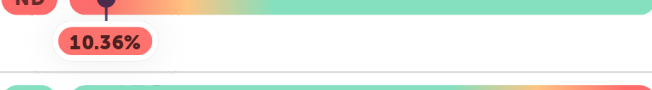
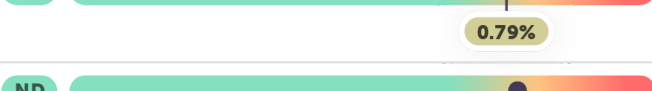

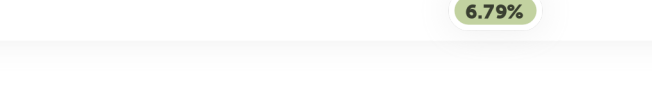
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Gastrointestinal Health Markers

Marker	Result	Reference Range
Calprotectin	ND  13.84	<= 50.00 µg/g
Faecal Occult Blood	 NOT DETECTED	
Lactoferrin	ND  0.04	<= 7.20 µg/g
Secretory IgA	ND  1114.00	500.00 µg/g - 2,000.00 µg/g

Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	ND  0.12%	-1.02
Acetate producing microbes +	ND  77.02%	+1.09
Butyrate producing microbes +	ND  10.36%	-1.99
Hexa-LPS producing microbes -	ND  0.79%	+1.06
Mucin Degradation	ND  852.55	+1.13
Propionate producing microbes +	ND  6.79%	+0.98

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Intestinal Barrier

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INSIGHTS **16**

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Gastrointestinal Health Markers

Marker	Result	Reference Range
Secretory IgA	<p>ND 1114.00</p>	500.00 µg/g - 2,000.00 µg/g
Zonulin	<p>ND 70.00</p>	<= 100.00 µg/ml

Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes ⁺	<p>ND 0.12%</p>	-1.02
B. fragilis toxin producing microbes ⁻	<p>ND 0.00%</p>	-0.90
Butyrate producing microbes ⁺	<p>ND 10.36%</p>	-1.99
Hexa-LPS producing microbes ⁻	<p>ND 0.79%</p>	+1.06
Hydrogen sulphide producing microbes ⁺	<p>ND 11.84%</p>	+0.98

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Systemic Inflammation

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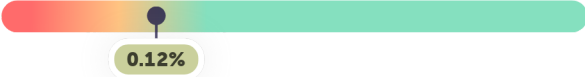





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INSIGHTS 33

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	ND  0.12%	-1.02
BCAA producing microbes -	ND  64.45%	+0.78
Butyrate producing microbes +	ND  10.36%	-1.99
Hexa-LPS producing microbes -	ND  0.79%	+1.06
Microbial Diversity	ND  3.50	-1.29
Trimethylamine producing microbes -	ND  8.79%	+2.44

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Detox / Retox

INSIGHTS 0

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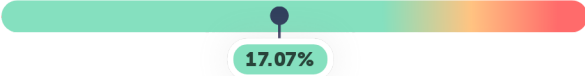

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
Beta-glucuronidase producing microbes -	ND  17.07%	-0.11
Oxalate consuming microbes +	ND  4.74%	+1.31

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Digestive Secretions

INSIGHTS 0

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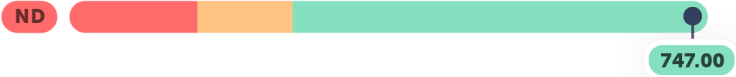
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Gastrointestinal Health Markers

Marker	Result	Reference Range
Pancreatic Elastase	ND 	>= 200.00 µg/ml

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Emerging Metabolites

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INSIGHTS **0**

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
Ammonia (urease) producing microbes	<p>ND 11.03%</p>	+1.26
GABA consuming microbes	<p>ND 19.92%</p>	+2.00
GABA producing microbes	<p>ND 25.44%</p>	+0.66
Histamine producing microbes	<p>ND 0.69%</p>	+0.42
Human DNA	<p>ND 0.61%</p>	+0.72
Lactate producing microbes	<p>ND 81.53%</p>	+1.51
Vitamin K producing microbes	<p>ND 15.16%</p>	-0.13

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Targeted Pathogen Panel

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Parasitic

Marker	Result
Cryptosporidium spp.	NOT DETECTED
Cyclospora cayetanensis	NOT DETECTED
Dientamoeba fragilis	NOT DETECTED
Entamoeba histolytica	NOT DETECTED
Giardia lamblia	NOT DETECTED

Bacterial

Marker	Result
Aeromonas spp.	NOT DETECTED
Campylobacter spp.	NOT DETECTED
Clostridium difficile toxin B	NOT DETECTED
E. coli O157	NOT DETECTED
Enteraggregative E. coli(EAEC)	NOT DETECTED
Enteropathogenic E. coli(EPEC)	NOT DETECTED
Enterotoxigenic E. coli(ETEC)	NOT DETECTED
Hypervirulent Clostridium difficile	NOT DETECTED
Salmonella spp.	NOT DETECTED
Shiga Toxin	NOT DETECTED
Shigella spp./EIEC	NOT DETECTED
Vibrio spp.	NOT DETECTED
Yersinia enterocolitica	NOT DETECTED

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