Emma Cassels

Date of Birth **19 Mar 2002**
Sex **Female**
Location **164 Front Street, Hamilton Island QLD 4803 Australia**

Referred by **Racheal Lee**

Report ID **R124120010185**
Primary Sample ID **BBT0719**
Sampling **-**
Report Released on **-**

METAXPLORE™ GI

CO-BIOME By MiCROBA

GI Marker Results

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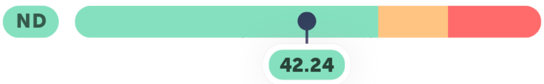
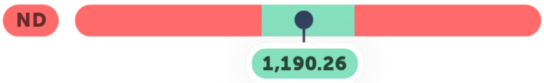
GASTROINTESTINAL HEALTH MARKERS

MARKER NAME		RANGE
Calprotectin *	 ND 42.24	≤ 50.00 µg/g
Faecal Occult Blood	**NOT DETECTED**	
Lactoferrin *	 ND 0.54	≤ 7.20 µg/g
Secretory IgA *	 ND 1,190.26	500.00 µg/g - 2,000.00 µg/g
Zonulin *	 ND 21.35	≤ 100.00 ng/ml
Pancreatic Elastase *	 ND 647.94	≥ 200.00 µg/ml

*NATA/RCPA accreditation does not cover the performance of services with this symbol.

RCPA The Royal College of Pathologists of Australasia NATA

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Site No. **24651**

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Diversity

INSIGHTS 7

Login at practitioner.co-biome.com to view

Microbial Markers

RESEARCH USE ONLY
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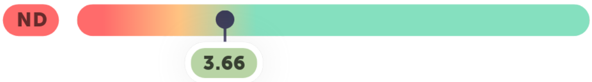
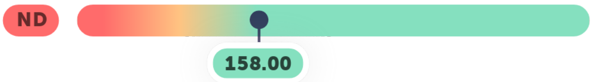
Marker	Relative Abundance	Distance from Average
Microbial Diversity		-0.93
Microbial Richness		-0.66

Intestinal Motility

INSIGHTS 16

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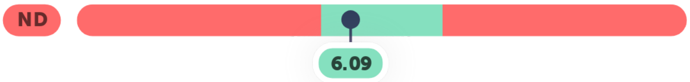
Gastrointestinal Health Markers

Marker Name		Range
Faecal pH **RESEARCH USE ONLY** NOT FOR DIAGNOSTIC USE		5.70 - 7.30

Intestinal Motility

INSIGHTS **16**

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
Methane producing archaea ⊖	ND  0.57%	+0.89
Microbial Diversity	ND  3.66	-0.93
Propionate producing microbes ±	ND  1.92%	-0.92

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Intestinal Inflammation

INSIGHTS 5

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes ⊕	ND 0.33%	-0.27
Acetate producing microbes ⊕	ND 69.66%	+0.12
Butyrate producing microbes ⊕	ND 24.76%	+1.19
Hexa-LPS producing microbes ⊖	0.00%	0.00
Mucin Degradation	ND 642.31	+0.02
Propionate producing microbes ⊟	ND 1.92%	-0.92

Intestinal Barrier

INSIGHTS 0

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes ⊕	ND 0.33%	-0.27
B. fragilis toxin producing microbes ⊖	0.00%	0.00
Butyrate producing microbes ⊕	ND 24.76%	+1.19
Hexa-LPS producing microbes ⊖	0.00%	0.00
Hydrogen sulphide producing microbes ⊖⊕	ND 2.09%	-2.59

Systemic Inflammation

INSIGHTS 13

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Microbial Markers

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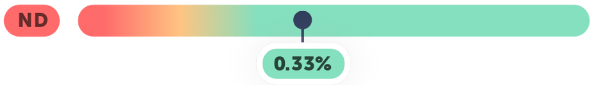
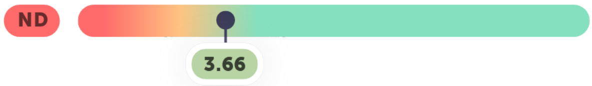
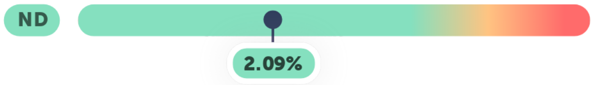
Marker	Relative Abundance	Distance from Average
IPA producing microbes ⊕	ND  0.33%	-0.27
BCAA producing microbes ⊖	ND  65.83%	+0.90
Butyrate producing microbes ⊕	ND  24.76%	+1.19
Hexa-LPS producing microbes ⊖	 0.00%	0.00
Microbial Diversity	ND  3.66	-0.93
Trimethylamine producing microbes ⊖	ND  2.09%	-0.53

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Detox / Retox

INSIGHTS 1

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Microbial Markers

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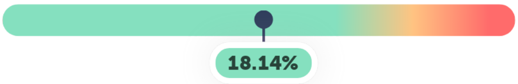
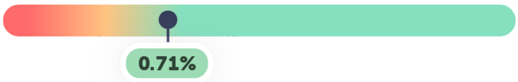
Marker	Relative Abundance		Distance from Average
Beta-glucuronidase producing microbes ⊖	ND	 18.14%	+0.04
Oxalate consuming microbes ⊕	ND	 0.71%	-0.79

Emerging Metabolites

INSIGHTS 0

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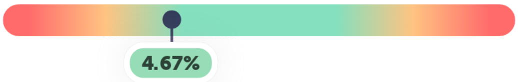
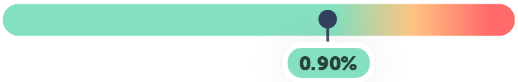
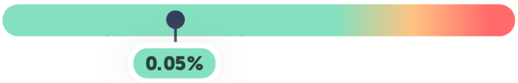
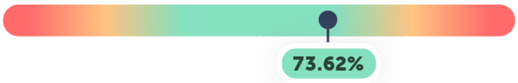
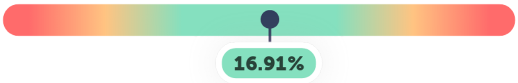
Marker	Relative Abundance	Distance from Average
Ammonia (urease) producing microbes	ND  10.38%	+1.14
GABA consuming microbes	ND  4.67%	-0.76
GABA producing microbes	ND  6.81%	-1.40
Histamine producing microbes	ND  0.90%	+0.61
Human DNA	ND  0.05%	-0.73
Lactate producing microbes	ND  73.62%	+0.61
Vitamin K producing microbes	ND  16.91%	+0.09

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