

Mari Hirata

Date of Birth **25 Mar 1981**

Sex **Female**

Location **Unit 5 111 Park Road, YERONGA QLD 4104
Australia**

Referred by **Briony Tarling**

Report ID **R125040013200**

Primary Sample ID **BBT1878**

Sampling -

Report Released on -

GI Marker Results

GASTROINTESTINAL HEALTH MARKERS

MARKER NAME		RANGE
Calprotectin *		≤ 50.00 µg/g
<p>Calprotectin is a marker for acute intestinal inflammation and can estimate the degree of inflammation. Elevated levels are commonly used to distinguish active inflammatory bowel disease (IBD) from irritable bowel syndrome (IBS). Calprotectin levels can be used to monitor disease activity and relapse prediction in organic intestinal diseases, such as IBD and colorectal cancer. High calprotectin is seen in patients with bacterial diarrhea, C. difficile toxin and NSAID use. High calprotectin warrants further investigation if the cause is unknown.</p>		
Faecal Occult Blood		
Lactoferrin *		≤ 7.20 µg/g
Secretory IgA *		500.00 µg/g - 2,000.00 µg/g
<p>Decreased secretory IgA may be seen in obese patients with increased fasting blood glucose. Results should be interpreted in the context of the patient's clinical presentation.</p>		
Zonulin *		≤ 100.00 ng/ml
Pancreatic Elastase *		≥ 200.00 µg/ml
<p>Pancreatic elastase is a marker of pancreatic exocrine function for diagnosis or exclusion of exocrine pancreatic insufficiency. Assessment of pancreatic elastase levels may assist in monitoring of exocrine pancreatic function in cystic fibrosis, diabetes mellitus, or chronic pancreatitis in the context of clinical presentation. Liquid stools may lead to false pancreatic elastase results. In such cases, it is recommended to consider clinical context and additional diagnostic tests for the final diagnosis.</p>		

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

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Diversity

INSIGHTS 0

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Microbial Markers

RESEARCH USE ONLY
NOT FOR DIAGNOSTIC USE

Marker	Relative Abundance	Distance from Average
Microbial Diversity	<div><div>ND</div><div><div></div></div><div>4.04</div></div>	-0.08
Microbial Richness	<div><div>ND</div><div><div></div></div><div>178.00</div></div>	-0.26



Accreditation No. **20563**
Site No. **24651**

NATA/RCPA accreditation does not cover the performance of services with * indicated.
Specimen processed by Microba Laboratories.
MetaXplore™ reports are generated based on the testing of faecal samples.
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.

For any questions, please contact
1300 974 621

Intestinal Motility

INSIGHTS 0

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Gastrointestinal Health Markers

Marker Name		Range
Faecal pH	<div><div></div><div></div><div></div></div>	5.70 - 7.30
	<div>RESEARCH USE ONLY NOT FOR DIAGNOSTIC USE</div> <div>6.32</div>	



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Marker	Relative Abundance	Distance from Average
Methane producing archaea ⊖	<div><div></div><div>0.00%</div></div>	0.00
Microbial Diversity	<div><div>ND</div><div>4.04</div></div>	-0.08
Propionate producing microbes ⊕	<div><div>ND</div><div>3.04%</div></div>	-0.23



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Intestinal Inflammation

INSIGHTS 11

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	ND  0.73%	+0.33
Acetate producing microbes +	ND  77.32%	+1.13
Butyrate producing microbes +	ND  15.44%	-0.53
Hexa-LPS producing microbes -	ND  0.04%	-0.66
Mucin Degradation	ND  634.32%	-0.03
Propionate producing microbes +	ND  3.04%	-0.23

Intestinal Barrier

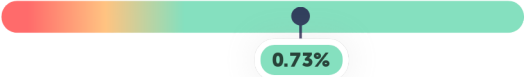

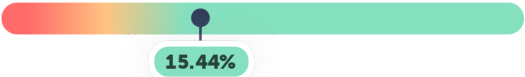
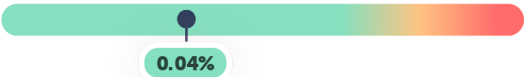
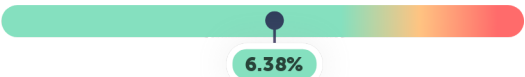
INSIGHTS 3

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Microbial Markers RESEARCH USE ONLY NOT FOR DIAGNOSTIC USE

Marker	Relative Abundance	Distance from Average
IPA producing microbes +	ND  0.73%	+0.33
<i>B. fragilis</i> toxin producing microbes -	 0.00%	0.00
Butyrate producing microbes +	ND  15.44%	-0.53
Hexa-LPS producing microbes -	ND  0.04%	-0.66
Hydrogen sulphide producing microbes +	ND  6.38%	+0.10



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Systemic Inflammation

INSIGHTS 0

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	ND <div><div></div><div>0.73%</div></div>	+0.33
BCAA producing microbes -	ND <div><div></div><div>52.02%</div></div>	-0.46
Butyrate producing microbes +	ND <div><div></div><div>15.44%</div></div>	-0.53
Hexa-LPS producing microbes -	ND <div><div></div><div>0.04%</div></div>	-0.66
Microbial Diversity	ND <div><div></div><div>4.04</div></div>	-0.08
Trimethylamine producing microbes -	ND <div><div></div><div>2.84%</div></div>	+0.11



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Detox / Retox

INSIGHTS 0

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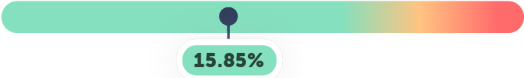

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Marker	Relative Abundance	Distance from Average
Beta-glucuronidase producing microbes -	ND  15.85%	-0.29
Oxalate consuming microbes +	ND  3.49%	+0.97



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Emerging Metabolites

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
Ammonia (urease) producing microbes	<div><div>ND</div><div><div></div><div>14.66%</div></div></div>	+1.83
GABA consuming microbes	<div><div>ND</div><div><div></div><div>4.38%</div></div></div>	-0.88
GABA producing microbes	<div><div>ND</div><div><div></div><div>7.35%</div></div></div>	-1.28
Histamine producing microbes	<div><div>ND</div><div><div></div><div>0.07%</div></div></div>	-1.25
Human DNA	<div><div>ND</div><div><div></div><div>30.77%</div></div></div>	+2.98
Lactate producing microbes	<div><div>ND</div><div><div></div><div>75.97%</div></div></div>	+0.89
Vitamin K producing microbes	<div><div>ND</div><div><div></div><div>19.00%</div></div></div>	+0.34