

Jacky Howarth

Date of Birth **19 Sep 1967**

Sex **Female**

Location **107 Matron Porter Drive, NARRAWALLEE
NSW 2539 Australia**

Referred by **Emma Povey Povey**

Phone number **488218607**

Report ID **R124040004276**

Sampling **7:45am on 25 March 2024 (AEST)**

Report Released on -

Diversity

INSIGHTS 0

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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		+1.42
Microbial Richness		+0.90

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Intestinal Motility

INSIGHTS 4

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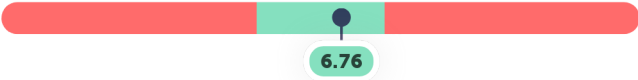
Location 107 Matron Porter Drive, NARRAWALLEE NSW 2539 Australia

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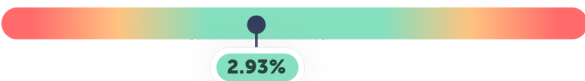
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Gastrointestinal Health Markers

Marker	Result	Reference Range
Faecal pH	ND 	5.70 - 7.30
RESEARCH USE ONLY NOT FOR DIAGNOSTIC USE		

Microbial Markers

Marker	Relative Abundance	Distance from Average
Methane producing archaea -	ND 	+0.80
Microbial Diversity	ND 	+1.42
Propionate producing microbes +	ND 	-0.29

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Intestinal Inflammation

INSIGHTS 3

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Gastrointestinal Health Markers

Marker	Result	Reference Range
Calprotectin	ND <div><div></div><div>13.43</div></div>	≤ 50.00 µg/g
Faecal Occult Blood	NOT DETECTED	
Lactoferrin	0.00 <div><div></div><div>0.00</div></div>	≤ 7.20 µg/g
Secretory IgA	ND <div><div></div><div>76.91</div></div>	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 <div><div></div><div>0.42%</div></div>	-0.09
Acetate producing microbes +	ND <div><div></div><div>73.15%</div></div>	+0.59
Butyrate producing microbes +	ND <div><div></div><div>15.49%</div></div>	-0.52
Hexa-LPS producing microbes -	ND <div><div></div><div>0.27%</div></div>	+0.42
Mucin Degradation	ND <div><div></div><div>479.34</div></div>	-1.13
Propionate producing microbes +	ND <div><div></div><div>2.93%</div></div>	-0.29

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Intestinal Barrier

INSIGHTS 5

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Gastrointestinal Health Markers

Marker	Result	Reference Range
Secretory IgA	ND 76.91	500.00 µg/g - 2,000.00 µg/g
Zonulin	ND 18.00	≤ 100.00 µg/ml

Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	ND 0.42%	-0.09
<i>B. fragilis</i> toxin producing microbes -	ND 0.00%	
Butyrate producing microbes +	ND 15.49%	-0.52
Hexa-LPS producing microbes -	ND 0.27%	+0.42
Hydrogen sulphide producing microbes +	ND 14.19%	+1.47

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Systemic Inflammation

INSIGHTS 0

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	<div><div>ND</div><div><div></div></div><div>0.42%</div></div>	-0.09
BCAA producing microbes -	<div><div>ND</div><div><div></div></div><div>55.56%</div></div>	-0.08
Butyrate producing microbes +	<div><div>ND</div><div><div></div></div><div>15.49%</div></div>	-0.52
Hexa-LPS producing microbes -	<div><div>ND</div><div><div></div></div><div>0.27%</div></div>	+0.42
Microbial Diversity	<div><div>ND</div><div><div></div></div><div>4.71</div></div>	+1.42
Trimethylamine producing microbes -	<div><div>ND</div><div><div></div></div><div>2.91%</div></div>	+0.16

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Detox / Retox

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Marker	Relative Abundance	Distance from Average
Beta-glucuronidase producing microbes -	<div><div>ND</div><div><div></div><div>19.72%</div></div></div>	+0.25
Oxalate consuming microbes +	<div><div>ND</div><div><div></div><div>3.31%</div></div></div>	+0.91

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Digestive Secretions

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Gastrointestinal Health Markers

Marker	Result	Reference Range
Pancreatic Elastase	<div style="display: flex; align-items: center;"> ND </div> <div style="text-align: center; margin-top: -10px;"> 194.11 </div>	$\geq 200.00 \mu\text{g/ml}$

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Emerging Metabolites

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Marker	Relative Abundance	Distance from Average
Ammonia (urease) producing microbes	<div><div>ND</div><div><div></div><div>8.50%</div></div></div>	+0.74
GABA consuming microbes	<div><div>ND</div><div><div></div><div>6.83%</div></div></div>	-0.03
GABA producing microbes	<div><div>ND</div><div><div></div><div>11.37%</div></div></div>	-0.60
Histamine producing microbes	<div><div>ND</div><div><div></div><div>1.69%</div></div></div>	+1.07
Human DNA	<div><div>ND</div><div><div></div><div>0.94%</div></div></div>	+0.97
Lactate producing microbes	<div><div>ND</div><div><div></div><div>59.03%</div></div></div>	-1.33
Vitamin K producing microbes	<div><div>ND</div><div><div></div><div>12.93%</div></div></div>	-0.47

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Targeted Pathogen Panel

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Parasitic

Marker	Result
<i>Cryptosporidium</i> spp.	NOT DETECTED
<i>Cyclospora cayetanensis</i>	NOT DETECTED
<i>Dientamoeba fragilis</i>	NOT DETECTED
<i>Entamoeba histolytica</i>	NOT DETECTED
<i>Giardia lamblia</i>	NOT DETECTED

Bacterial

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

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