

VIOME

VIOME

CHARLES WARDEN'S RESULTS

V I O M E

Dear Charles Warden,

The information on this report is for educational and informational use only. The information is not intended to be used by the customer for any diagnostic purpose and is not a substitute for professional medical advice. You should always seek the advice of your physician or other healthcare providers with any questions you may have regarding diagnosis, cure, treatment, mitigation, or prevention of any disease or other medical condition or impairment or the status of your health.



Jim Fuller

Technical Director

A handwritten signature in black ink, appearing to read "Jill", though it is likely a stylized signature of Jim Fuller.

Test Name: Gut Intelligence Test

Authorized Order Person: Charles Warden

Customer Name: Charles Warden

DOB: 04/05/1985

Gender: Male

Customer Id: e16bdd01

Sample Source: Fecal

Date Collected: 05/06/2022

Date Received: 05/13/2022

Date Issued: 06/18/2022

Sample ID: 14CD3DFEF4E1



Received and processed at:
Viome Inc.
11724 NE 195th Street
Bothell, WA 98011
CLIA License Number: 50D2224932
Lab Contact: <https://support.viome.com>

Test Name: Gut Intelligence Test
Customer Name: Charles Warden
DOB: 04/05/1985

Meet your probiotic microbes

These are microbes that are found in commercially available probiotic products that are also active in your sample. If there are no organisms listed, no probiotics were identified in your sample.

Bifidobacterium animalis subsp. lactis
<div><div>P</div>Probiotic</div>
Enterococcus faecium
<div><div>P</div>Probiotic</div>
Lactobacillus johnsonii
<div><div>P</div>Probiotic</div>



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My Active Microbes

Adlercreutzia sp. 8CFCBH1
B Bacterium
Akkermansia muciniphila
B Bacterium
Alistipes communis
B Bacterium
Alistipes indistinctus
B Bacterium
Alistipes megaguti
B Bacterium
Alistipes sp. dk3624
B Bacterium
Amedibacterium intestinale
B Bacterium
Anaerobutyricum hallii
B Bacterium
Anaerococcus obesiensis
B Bacterium
Anaerococcus vaginalis
B Bacterium
Anaerostipes caccae
B Bacterium
Anaerostipes hadrus
B Bacterium



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Bacteroides caccae

B Bacterium

Bacteroides caecimuris

B Bacterium

Bacteroides cellulosilyticus

B Bacterium

Bacteroides dorei CL03T12C01

B Bacterium

Bacteroides fragilis

B Bacterium

Bacteroides ovatus

B Bacterium

Bacteroides sp. A1C1

B Bacterium

Bacteroides sp. CACC 737

B Bacterium

Bacteroides sp. CBA7301

B Bacterium

Bacteroides sp. HF-162

B Bacterium

Bacteroides sp. HF-5141

B Bacterium

Bacteroides sp. HF-5287

B Bacterium

Bacteroides thetaiotaomicron VPI-5482

B Bacterium



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Bacteroides uniformis

B Bacterium

Bacteroides vulgatus ATCC 8482

B Bacterium

Bacteroides xylanisolvens

B Bacterium

Bifidobacterium animalis subsp. lactis

B Bacterium **P** Probiotic

Bifidobacterium animalis subsp. lactis AD011

B Bacterium

Bifidobacterium animalis subsp. lactis B420

B Bacterium

Bifidobacterium animalis subsp. lactis BB-12

B Bacterium

Bifidobacterium animalis subsp. lactis BLC1

B Bacterium

Bifidobacterium animalis subsp. lactis Bi-07

B Bacterium

Bifidobacterium animalis subsp. lactis BI-04

B Bacterium

Bifidobacterium animalis subsp. lactis BI12

B Bacterium

Bifidobacterium animalis subsp. lactis CNCM I-2494

B Bacterium

Bifidobacterium animalis subsp. lactis KLDS2.0603

B Bacterium



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Bifidobacterium animalis subsp. *lactis* V9

B Bacterium

Blautia argi

B Bacterium

Blautia sp. SC05B48

B Bacterium

Butyricimonas faecalis

B Bacterium

Butyricimonas virosa

B Bacterium

Cellulosilyticum sp. WCF-2

B Bacterium

Christensenella minuta

B Bacterium

Clostridioides difficile R20291

B Bacterium

Coprobacter sp. 2CBH44

B Bacterium

Coprococcus comes

B Bacterium

Corynebacterium amycolatum

B Bacterium

Corynebacterium sp. ATCC 6931

B Bacterium

Cupriavidus campinensis

B Bacterium



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Cupriavidus pauculus
B Bacterium
Delftia lacustris
B Bacterium
Desulfovibrio desulfuricans
B Bacterium
Dysosmobacter welbionis
B Bacterium
Eggerthella lenta DSM 2243
B Bacterium
Eggerthella sp. HF-1101
B Bacterium
Enterocloster bolteae
B Bacterium
Enterococcus faecalis
B Bacterium
Enterococcus faecium
B Bacterium P Probiotic
Faecalibacillus intestinalis
B Bacterium
Faecalibacterium prausnitzii A2-165
B Bacterium
Flavonifractor plautii
B Bacterium
Flintibacter sp. KGMB00164
B Bacterium



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Gemella sanguinis

B Bacterium

Gordonibacter urolithinifaciens

B Bacterium

Intestinimonas butyriciproducens

B Bacterium

Lachnoclostridium sp. YL32

B Bacterium

Lactobacillus johnsonii

B Bacterium **P** Probiotic

Longibaculum sp. KGMB06250

B Bacterium

Massilistercora timonensis

B Bacterium

Mogibacterium diversum

B Bacterium

Muribaculum intestinale

B Bacterium

Myroides odoratimimus

B Bacterium

Odoribacter splanchnicus DSM 20712

B Bacterium

Olsenella sp. oral taxon 807

B Bacterium

Oscillibacter sp. PEA192

B Bacterium



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Oxalobacter formigenes OXCC13

B Bacterium

Parabacteroides distasonis ATCC 8503

B Bacterium

Parabacteroides goldsteinii

B Bacterium

Parabacteroides sp. CT06

B Bacterium

Pepper mild mottle virus

V Virus

Phaseolus vulgaris alphaendornavirus 1

V Virus

Phocaeicola coprophilus

B Bacterium

Pyrenophora tritici-repentis

E Eukaryote

Ralstonia insidiosa

B Bacterium

Ralstonia mannitolilytica

B Bacterium

Roseburia hominis A2-183

B Bacterium

Ruminococcus bicirculans

B Bacterium

Ruthenibacterium lactatiformans

B Bacterium



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Saccharomyces boulardii (nom. inval.)

E Eukaryote

Saccharomyces pastorianus

E Eukaryote

Sodaphilus pleomorphus

B Bacterium

Streptococcus agalactiae

B Bacterium

Streptococcus australis

B Bacterium

Streptococcus intermedius B196

B Bacterium

Streptococcus intermedius JTH08

B Bacterium

Streptococcus koreensis

B Bacterium

Streptococcus mitis

B Bacterium

Streptococcus oralis

B Bacterium

Streptococcus salivarius JIM8777

B Bacterium

Streptococcus sanguinis

B Bacterium

Streptococcus sp. A12

B Bacterium



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Streptococcus sp. I-G2

B Bacterium

Streptococcus sp. I-P16

B Bacterium

Streptococcus sp. KS 6

B Bacterium

Streptococcus sp. LPB0220

B Bacterium

Streptococcus sp. NPS 308

B Bacterium

Streptococcus sp. oral taxon 061

B Bacterium

Streptococcus sp. oral taxon 431

B Bacterium

Streptococcus thermophilus

B Bacterium

Tomato brown rugose fruit virus

V Virus

Valsa mali

E Eukaryote

[Clostridium] innocuum

B Bacterium

[Clostridium] scindens ATCC 35704

B Bacterium

[Ruminococcus] gnavus

B Bacterium



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Viome Methodology

Microbial total RNA is extracted, ribosomal RNA molecules are removed from total RNA, and the remaining RNA molecules are sequenced on Illumina NextSeq or NovaSeq. Proprietary bioinformatics algorithms are used to perform taxonomic classification and functional analysis of the sequencing data.

Method Limitation

Viome's results and recommendations are based on our ability to identify and quantify thousands of microbial taxa. Such vast diversity has not been captured in the genomic databases, so it is impossible to assess it comprehensively. There are microorganisms that thrive in the gut whose genomes have not been sequenced. Viome is unable to identify those specific organisms, but can identify their near neighbors, which have similar homology. There are also taxa that we cannot discriminate because of their sequence similarity, for example at the strain level. There are some RNA transcripts that may not always align and match to specific known organisms, which may be due to the fact that these sequences are poorly characterized, reliable consensus sequence may not be available for reference. Viome monitors the growth of public genomic databases and will update its own databases when there is sufficient new information to be worthy of incorporation.

Detection of a microorganism by this test does not imply having a disease. Similarly, not detecting a microorganism by this test does not exclude the presence of a disease-causing microorganism. Further, other organisms may be present that are not detected by this test. This test is not a substitute for established methods for identifying microorganisms or their antimicrobial susceptibility profile. Results are qualitative and identify the presence or absence of identified annotated organisms.

The Gut Intelligence Test was developed by, and its performance characteristics determined by Viome Inc. It has not been cleared or approved by the US Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. This laboratory is registered under CLIA (50D2224932) to perform high complexity testing. Sequencing was performed at Viome Inc. CLIA (50D2224932). Contact Viome for any further questions.



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VERSION: 1.14.2

These results are signed off by...

Jim Fuller

Technical Director

A handwritten signature in black ink, appearing to read "Jill", written in a cursive style.