

VIOME

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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', is positioned below the printed name and title.

**Test Name:** Gut Intelligence Test

**Authorized Order Person:** Charles Warden

**Customer Name:** Charles Warden

**DOB:** 04/05/1985

**Gender:** Male

**Customer Id:** 301c5903

**Sample Source:** Fecal

**Date Collected:** 10/06/2021

**Date Received:** 10/12/2021

**Date Issued:** 10/21/2021

**Sample ID:** 1F84249DDEF1



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**Lab Contact:** <https://support.viome.com>

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**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

 Probiotic

Lactobacillus delbrueckii subsp. bulgaricus

 Probiotic



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## My Active Microbes

Acinetobacter

**B** Bacterium

Actinomyces gerencseriae DSM 6844

**B** Bacterium

Actinomyces graevenitzii C83

**B** Bacterium

Actinomyces oris strain T14V

**B** Bacterium

Actinomyces sp. ICM39

**B** Bacterium

Actinomyces sp. Marseille-P2985 strain Marseille-P2985T

**B** Bacterium

Actinomyces sp. oral taxon 181 str. F0379

**B** Bacterium

Actinomyces sp. oral taxon 448 str. F0400

**B** Bacterium

Adlercreutzia equolifaciens DSM 19450

**B** Bacterium

Akkermansia muciniphila

**B** Bacterium

Akkermansia sp. KLE1798

**B** Bacterium

Alistipes finegoldii DSM 17242

**B** Bacterium



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Alistipes indistinctus YIT 12060

**B** Bacterium

Alistipes obesi

**B** Bacterium

Alistipes onderdonkii WAL 8169 = DSM 19147

**B** Bacterium

Alistipes putredinis DSM 17216

**B** Bacterium

Alistipes senegalensis JC50

**B** Bacterium

Alistipes shahii WAL 8301

**B** Bacterium

Alistipes sp. AL-1

**B** Bacterium

Alistipes sp. HGB5

**B** Bacterium

Anaerostipes caccae

**B** Bacterium

Anaerostipes hadrus strain BPB5

**B** Bacterium

Anaerostipes sp. 3\_2\_56FAA

**B** Bacterium

Anaerotruncus colihominis

**B** Bacterium

Anaerotruncus rubiinfantis

**B** Bacterium



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Angelakisella massiliensis strain Marseille-P3217

**B** Bacterium

Bacteroides acidifaciens

**B** Bacterium

Bacteroides barnesiae DSM 18169 = JCM 13652

**B** Bacterium

Bacteroides caccae

**B** Bacterium

Bacteroides caecimuris strain I48

**B** Bacterium

Bacteroides cellulosilyticus strain WH2

**B** Bacterium

Bacteroides coprocola

**B** Bacterium

Bacteroides coprophilus

**B** Bacterium

Bacteroides dorei CL03T12C01

**B** Bacterium

Bacteroides eggerthii 1\_2\_48FAA

**B** Bacterium

Bacteroides faecichinchillae strain DSM

**B** Bacterium

Bacteroides faecis

**B** Bacterium

Bacteroides finegoldii

**B** Bacterium



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Bacteroides fluxus

**B** Bacterium

Bacteroides fragilis

**B** Bacterium

Bacteroides fragilis str. 3-F-2 #6

**B** Bacterium

Bacteroides gallinarum DSM 18171 = JCM 13658

**B** Bacterium

Bacteroides massiliensis

**B** Bacterium

Bacteroides mediterraneensis strain Marseille-P2644

**B** Bacterium

Bacteroides nordii

**B** Bacterium

Bacteroides ovatus V975

**B** Bacterium

Bacteroides ovatus strain ATCC

**B** Bacterium

Bacteroides plebeius

**B** Bacterium

Bacteroides salyersiae

**B** Bacterium

Bacteroides sp. 1\_1\_30

**B** Bacterium

Bacteroides sp. 1\_1\_6

**B** Bacterium



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Bacteroides sp. 2\_1\_22

**B** Bacterium

Bacteroides sp. 2\_1\_33B

**B** Bacterium

Bacteroides sp. 2\_2\_4

**B** Bacterium

Bacteroides sp. 3\_1\_13

**B** Bacterium

Bacteroides sp. 3\_1\_19

**B** Bacterium

Bacteroides sp. 3\_1\_23

**B** Bacterium

Bacteroides sp. 3\_1\_33FAA

**B** Bacterium

Bacteroides sp. 3\_1\_40A

**B** Bacterium

Bacteroides sp. 4\_1\_36

**B** Bacterium

Bacteroides sp. 4\_3\_47FAA

**B** Bacterium

Bacteroides sp. 9\_1\_42FAA

**B** Bacterium

Bacteroides sp. D2

**B** Bacterium

Bacteroides sp. D20

**B** Bacterium



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Bacteroides sp. D22

**B** Bacterium

Bacteroides sp. HMSC067B03

**B** Bacterium

Bacteroides sp. HMSC068A09

**B** Bacterium

Bacteroides sp. HMSC073E02

**B** Bacterium

Bacteroides sp. HPS0048

**B** Bacterium

Bacteroides sp. Marseille-P3108 sp. Marseille-P3108

**B** Bacterium

Bacteroides sp. Marseille-P3166 sp. Marseille-P3166

**B** Bacterium

Bacteroides sp. Marseille-P3208T strain Marseille-P3208

**B** Bacterium

Bacteroides stercoris ATCC 43183

**B** Bacterium

Bacteroides stercoris CC31F

**B** Bacterium

Bacteroides stercoris strain CL09T03C01

**B** Bacterium

Bacteroides stercoris strain DSM

**B** Bacterium

Bacteroides thetaiotaomicron VPI-5482

**B** Bacterium



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Bacteroides thetaiotaomicron strain 7330

**B** Bacterium

Bacteroides uniformis

**B** Bacterium

Bacteroides vulgatus ATCC 8482

**B** Bacterium

Bacteroides xylanisolvens

**B** Bacterium

Bariatricus massiliensis strain AT12

**B** Bacterium

Bifidobacterium animalis strain A6

**B** Bacterium

Bifidobacterium animalis strain RH

**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



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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

Bifidobacterium animalis subsp. lactis V9

**B** Bacterium

Bifidobacterium animalis subsp. lactis strain BF052

**B** Bacterium

Bifidobacterium saeculare DSM 6531 = LMG 14934

**B** Bacterium

Bilophila sp. 4\_1\_30

**B** Bacterium

Bilophila wadsworthia 3\_1\_6

**B** Bacterium

Bilophila wadsworthia ATCC 49260

**B** Bacterium

Bittarella massiliensis strain GD6

**B** Bacterium

Blautia massiliensis sp. GD8

**B** Bacterium

Blautia obeum ATCC 29174

**B** Bacterium



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Blautia obeum strain 2789STDY5608837

**B** Bacterium

Blautia obeum strain 2789STDY5608838

**B** Bacterium

Blautia obeum strain 2789STDY5834861

**B** Bacterium

Blautia obeum strain 2789STDY5834921

**B** Bacterium

Blautia obeum strain 2789STDY5834957

**B** Bacterium

Blautia producta

**B** Bacterium

Blautia sp. KLE 1732

**B** Bacterium

Blautia sp. Marseille-P2398

**B** Bacterium

Blautia sp. Marseille-P3087 sp. Marseille-P3087

**B** Bacterium

Blautia sp. Marseille-P3201T strain Marseille-P3201

**B** Bacterium

Blautia sp. YL58 sp. YL58

**B** Bacterium

Blautia wexlerae

**B** Bacterium

Burkholderiales bacterium 1\_1\_47

**B** Bacterium



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Butyricicoccus desmolans ATCC 43058

**B** Bacterium

Butyricimonas virosa

**B** Bacterium

Butyrivibrio crossotus DSM 2876

**B** Bacterium

Candidatus Soleaferrea massiliensis AP7

**B** Bacterium

Candidatus Stoquefichus sp. KLE1796

**B** Bacterium

Catabacter hongkongensis strain ABBA15k

**B** Bacterium

Catabacter hongkongensis strain HKU16

**B** Bacterium

Christensenella timonensis

**B** Bacterium

Clostridia bacterium UC5.1-1D1

**B** Bacterium

Clostridia bacterium UC5.1-1D10

**B** Bacterium

Clostridia bacterium UC5.1-1E11

**B** Bacterium

Clostridia bacterium UC5.1-2H11

**B** Bacterium

Clostridiaceae bacterium MS3

**B** Bacterium



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Clostridiales bacterium
<div>B Bacterium</div>
Clostridiales bacterium KLE1615
<div>B Bacterium</div>
Clostridiales bacterium VE202-03
<div>B Bacterium</div>
Clostridiales bacterium VE202-06
<div>B Bacterium</div>
Clostridiales bacterium VE202-07
<div>B Bacterium</div>
Clostridiales bacterium VE202-13
<div>B Bacterium</div>
Clostridiales bacterium VE202-15
<div>B Bacterium</div>
Clostridiales bacterium VE202-16
<div>B Bacterium</div>
Clostridiales bacterium VE202-21
<div>B Bacterium</div>
Clostridiales bacterium VE202-26
<div>B Bacterium</div>
Clostridiales bacterium VE202-27
<div>B Bacterium</div>
Clostridiales bacterium VE202-28
<div>B Bacterium</div>
Clostridioides difficile P28
<div>B Bacterium</div>



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Clostridium phoceensis strain GD3

**B** Bacterium

Clostridium sp. 7\_3\_54FAA

**B** Bacterium

Clostridium sp. ASF502

**B** Bacterium

Clostridium sp. AT4

**B** Bacterium

Clostridium sp. ATCC BAA-442

**B** Bacterium

Clostridium sp. DSM 4029

**B** Bacterium

Clostridium sp. KLE 1755

**B** Bacterium

Clostridium sp. L2-50

**B** Bacterium

Clostridium sp. M62/1

**B** Bacterium

Clostridium sp. Marseille-P3244 sp. Marseille-P3244

**B** Bacterium

Collinsella aerofaciens

**B** Bacterium

Coprobacillus sp. 3\_3\_56FAA

**B** Bacterium

Coprobacillus sp. 8\_1\_38FAA

**B** Bacterium



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Coprobacillus sp. D7

**B** Bacterium

Coprobacter fastidiosus

**B** Bacterium

Coprococcus eutactus

**B** Bacterium

Cucumber leaf spot virus

**V** Virus

Culturomica massiliensis strain Marseille-P2698

**B** Bacterium

Desulfovibrio carbinolicus

**B** Bacterium

Desulfovibrio desulfuricans

**B** Bacterium

Desulfovibrio sp. G11

**B** Bacterium

Dialister invisus DSM 15470

**B** Bacterium

Dielma fastidiosa

**B** Bacterium

Dorea formicigenerans 4\_6\_53AFAA

**B** Bacterium

Dorea longicatena strain 2789STDY5608851

**B** Bacterium

Dorea longicatena strain 2789STDY5834914

**B** Bacterium



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Dorea longicatena strain 2789STDY5834961

**B** Bacterium

Dorea sp. 5-2

**B** Bacterium

Dorea sp. AGR2135

**B** Bacterium

Dorea sp. D27

**B** Bacterium

Eggerthella lenta 1\_1\_60AFAA

**B** Bacterium

Eggerthella lenta DSM 2243

**B** Bacterium

Eggerthella sp. 1\_3\_56FAA

**B** Bacterium

Eggerthella sp. HGA1

**B** Bacterium

Eisenbergiella tayi

**B** Bacterium

Emergencia timonensis

**B** Bacterium

Enterobacter cloacae complex 'Hoffmann cluster IV'

**B** Bacterium

Enterococcus durans strain KLDS6.0933

**B** Bacterium

Enterococcus faecium E4452

**B** Bacterium



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Enterococcus faecium isolate Hp\_74-d6

**B** Bacterium

Enterococcus faecium strain IQ23

**B** Bacterium

Enterorhabdus caecimuris B7

**B** Bacterium

Enterorhabdus mucosicola DSM 19490

**B** Bacterium

Erysipelatoclostridium ramosum DSM 1402

**B** Bacterium

Erysipelotrichaceae bacterium 2\_2\_44A

**B** Bacterium

Erysipelotrichaceae bacterium 3\_1\_53

**B** Bacterium

Erysipelotrichaceae bacterium 5\_2\_54FAA

**B** Bacterium

Erysipelotrichaceae bacterium 6\_1\_45

**B** Bacterium

Erysipelotrichaceae bacterium MTC7

**B** Bacterium

Escherichia coli 042

**B** Bacterium

Escherichia coli NCCP15648

**B** Bacterium

Escherichia coli O104:H4

**B** Bacterium



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Escherichia coli O104:H4 str. 2009EL-2050

**B** Bacterium

Escherichia coli O104:H4 str. 2009EL-2071

**B** Bacterium

Escherichia coli O104:H4 str. 2011C-3493

**B** Bacterium

Escherichia coli O104:H4 str. C227-11

**B** Bacterium

Escherichia coli O127:H6

**B** Bacterium

Escherichia coli O127:H6 str. E2348/69 strain E2348/69

**B** Bacterium

Escherichia coli O91 str. RM7190

**B** Bacterium

Escherichia coli O91:H21

**B** Bacterium

Escherichia coli strain D5

**B** Bacterium

Escherichia coli strain M11

**B** Bacterium

Escherichia coli strain M15

**B** Bacterium

Escherichia coli strain M19

**B** Bacterium

Escherichia coli strain RM9387

**B** Bacterium



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Escherichia coli strain S40

**B** Bacterium

Escherichia coli strain S56

**B** Bacterium

Eubacterium callanderi

**B** Bacterium

Eubacterium ramulus ATCC 29099

**B** Bacterium

Eubacterium ramulus strain 2789STDY5608891

**B** Bacterium

Eubacterium sp. 3\_1\_31

**B** Bacterium

Eubacterium sp. SB2

**B** Bacterium

Eubacterium ventriosum ATCC 27560

**B** Bacterium

Faecalibacterium prausnitzii

**B** Bacterium

Faecalicoccus pleomorphus DSM 20574

**B** Bacterium

Faecalitalea cylindroides T2-87

**B** Bacterium

Flavonifractor plautii strain YL31

**B** Bacterium

Flintibacter

**B** Bacterium



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Fournierella massiliensis

**B** Bacterium

Fusicatenibacter saccharivorans

**B** Bacterium

Gemella sanguinis ATCC 700632

**B** Bacterium

Gemella sanguinis M325

**B** Bacterium

Gemella sanguinis strain 1094\_BTHU

**B** Bacterium

Gokushovirus WZ-2015a

**V** Virus

Gordonibacter pamelaee 7-10-1-b

**B** Bacterium

Gordonibacter urolithinfaciens

**B** Bacterium

Holdemania filiformis DSM 12042

**B** Bacterium

Holdemania massiliensis AP2

**B** Bacterium

Holdemania sp. Marseille-P2844 sp. Marseille-P2844

**B** Bacterium

Intestinimonas butyriciproducens strain AF211

**B** Bacterium

Intestinimonas massiliensis sp. GD2

**B** Bacterium



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Lachnoclostridium phocaeense strain Marseille-P3177T sp. Marseille-P3177

**B** Bacterium

Lachnoclostridium sp. YL32 sp. YL32

**B** Bacterium

Lachnospira pectinoschiza strain 2789STDY5834886

**B** Bacterium

Lachnospiraceae bacterium

**B** Bacterium

Lachnospiraceae bacterium 1\_1\_57FAA

**B** Bacterium

Lachnospiraceae bacterium 1\_4\_56FAA

**B** Bacterium

Lachnospiraceae bacterium 2\_1\_58FAA

**B** Bacterium

Lachnospiraceae bacterium 3-1

**B** Bacterium

Lachnospiraceae bacterium 3\_1\_46FAA

**B** Bacterium

Lachnospiraceae bacterium 3\_1\_57FAA\_CT1

**B** Bacterium

Lachnospiraceae bacterium 5\_1\_57FAA

**B** Bacterium

Lachnospiraceae bacterium 6\_1\_63FAA

**B** Bacterium

Lachnospiraceae bacterium 7\_1\_58FAA

**B** Bacterium



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Lachnospiraceae bacterium 9\_1\_43BFAA

**B** Bacterium

Lactobacillus animalis strain 381-IL-28

**B** Bacterium

Lactobacillus delbrueckii subsp. bulgaricus

**B** Bacterium **P** Probiotic

Lactococcus

**B** Bacterium

Lactonifactor longoviformis DSM 17459

**B** Bacterium

Leuconostoc citreum KM20

**B** Bacterium

Leuconostoc gelidum JB7

**B** Bacterium

Longibaculum

**B** Bacterium

Marvinbryantia formatexigens strain I-52

**B** Bacterium

Massilioclostridium coli strain Marseille-P2976

**B** Bacterium

Merdibacter massiliensis strain Marseille-P3254

**B** Bacterium

Mitsuokella multacida

**B** Bacterium

Mogibacterium diversum

**B** Bacterium



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Murdochiella sp. Marseille-P2341 strain Marseille-P2341T

**B** Bacterium

Neglecta timonensis

**B** Bacterium

Odoribacter laneus YIT 12061

**B** Bacterium

Odoribacter splanchnicus DSM 20712

**B** Bacterium

Olsenella sp. DNF00959

**B** Bacterium

Olsenella sp. oral taxon 807 strain F0089

**B** Bacterium

Oscillibacter sp. 1-3

**B** Bacterium

Oscillibacter sp. ER4

**B** Bacterium

Oscillibacter sp. KLE 1745

**B** Bacterium

Oscillospiraceae bacterium VE202-24

**B** Bacterium

Oxalobacter formigenes OXCC13

**B** Bacterium

Parabacteroides distasonis ATCC 8503

**B** Bacterium

Parabacteroides goldsteinii CL02T12C30

**B** Bacterium



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Parabacteroides goldsteinii DSM 19448 = WAL 12034

**B** Bacterium

Parabacteroides goldsteinii strain 910340

**B** Bacterium

Parabacteroides gordonii DSM 23371

**B** Bacterium

Parabacteroides gordonii MS-1

**B** Bacterium

Parabacteroides johnsonii

**B** Bacterium

Parabacteroides merdae CL03T12C32

**B** Bacterium

Parabacteroides sp. 20\_3

**B** Bacterium

Parabacteroides sp. 2\_1\_7

**B** Bacterium

Parabacteroides sp. D26

**B** Bacterium

Parabacteroides sp. HGS0025

**B** Bacterium

Parabacteroides sp. Marseille-P3236 strain Marseille-P3236, sp. Marseille-P3136

**B** Bacterium

Parabacteroides sp. SN4 strain SN4, sp. SB4

**B** Bacterium

Paraprevotella clara YIT 11840

**B** Bacterium



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Paraprevotella xylaniphila YIT 11841

**B** Bacterium

Parasutterella excrementihominis YIT 11859

**B** Bacterium

Penicillium digitatum Pd1

**E** Eukaryote

Pepper mild mottle virus

**V** Virus

Peptostreptococcus stomatis DSM 17678

**B** Bacterium

Phoceia massiliensis strain Marseille-P2769

**B** Bacterium

Porphyromonas somerae DSM 23386

**B** Bacterium

Porphyromonas uenonis DSM 23387 = JCM 13868

**B** Bacterium

Prevotella buccalis DNF00985

**B** Bacterium

Prevotella sp. 109

**B** Bacterium

Prevotella stercorea DSM 18206

**B** Bacterium

Propionibacterium freudenreichii subsp. freudenreichii strain DSM

**B** Bacterium

Propionibacterium freudenreichii subsp. shermanii CIRM-BIA1

**B** Bacterium



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Propionibacterium freudenreichii subsp. shermanii isolate PFREUDJS1

**B** Bacterium

Pseudoflavonifractor capillosus ATCC 29799

**B** Bacterium

Ralstonia pickettii 12D

**B** Bacterium

Ralstonia pickettii 12J

**B** Bacterium

Romboutsia

**B** Bacterium

Roseburia faecis

**B** Bacterium

Roseburia hominis A2-183

**B** Bacterium

Roseburia intestinalis L1-82

**B** Bacterium

Roseburia inulinivorans

**B** Bacterium

Rothia aera

**B** Bacterium

Rothia mucilaginosa DY-18

**B** Bacterium

Ruminococcaceae bacterium D16

**B** Bacterium

Ruminococcaceae bacterium Marseille-P2963

**B** Bacterium



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Ruminococcaceae bacterium cv2

**B** Bacterium

Ruminococcus bicirculans

**B** Bacterium

Ruminococcus faecis JCM 15917

**B** Bacterium

Ruminococcus gauvreauii

**B** Bacterium

Ruminococcus gnavus ATCC 29149

**B** Bacterium

Ruminococcus lactaris CC59\_002D

**B** Bacterium

Ruminococcus sp. 5\_1\_39BFAA

**B** Bacterium

Ruminococcus sp. JC304

**B** Bacterium

Ruminococcus sp. Marseille-P3213 sp. Marseille-P3213

**B** Bacterium

Ruminococcus torques ATCC 27756

**B** Bacterium

Ruthenibacterium lactatiformans strain 585-1

**B** Bacterium

Saccharomyces sp. 'boulardii' strain unique28

**E** Eukaryote

Sellimonas intestinalis

**B** Bacterium



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Sfi11virus

**V** Virus

Shewanella colwelliana strain CSB03KR

**B** Bacterium

Solobacterium moorei

**B** Bacterium

Sphingomonas sp. Ant H11

**B** Bacterium

Staphylococcus gallinarum

**B** Bacterium

Streptococcus australis

**B** Bacterium

Streptococcus cristatus ATCC 51100

**B** Bacterium

Streptococcus equinus

**B** Bacterium

Streptococcus gallolyticus subsp. gallolyticus ATCC BAA-2069

**B** Bacterium

Streptococcus gordonii

**B** Bacterium

Streptococcus infantis X

**B** Bacterium

Streptococcus intermedius B196

**B** Bacterium

Streptococcus milleri

**B** Bacterium



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Streptococcus mitis SPAR10

**B** Bacterium

Streptococcus mitis strain KCOM

**B** Bacterium

Streptococcus mitis strain SVGS\_061

**B** Bacterium

Streptococcus oralis Uo5

**B** Bacterium

Streptococcus parasanguinis ATCC 15912

**B** Bacterium

Streptococcus parasanguinis FW213

**B** Bacterium

Streptococcus pasteurianus

**B** Bacterium

Streptococcus salivarius CCHSS3

**B** Bacterium

Streptococcus salivarius JIM8777

**B** Bacterium

Streptococcus salivarius strain HSISS4

**B** Bacterium

Streptococcus sanguinis SK36

**B** Bacterium

Streptococcus sp. 1171\_SSPC

**B** Bacterium

Streptococcus sp. 263\_SSPC

**B** Bacterium



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Streptococcus sp. 343\_SSPP

**B** Bacterium

Streptococcus sp. 400\_SSPP

**B** Bacterium

Streptococcus sp. 449\_SSPP

**B** Bacterium

Streptococcus sp. A12 sp. A12

**B** Bacterium

Streptococcus sp. CCH5-D3

**B** Bacterium

Streptococcus sp. CM7

**B** Bacterium

Streptococcus sp. ChDC B345

**B** Bacterium

Streptococcus sp. F0442

**B** Bacterium

Streptococcus sp. FDAARGOS\_192

**B** Bacterium

Streptococcus sp. HMSC061E03

**B** Bacterium

Streptococcus sp. HMSC062D07

**B** Bacterium

Streptococcus sp. HMSC064D12

**B** Bacterium

Streptococcus sp. HMSC064H09

**B** Bacterium





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Streptococcus sp. HMSC065C01

**B** Bacterium

Streptococcus sp. HMSC065H07

**B** Bacterium

Streptococcus sp. HMSC068F04

**B** Bacterium

Streptococcus sp. HMSC073D05

**B** Bacterium

Streptococcus sp. HMSC074F05

**B** Bacterium

Streptococcus sp. HMSC076C09

**B** Bacterium

Streptococcus sp. HMSC077F03

**B** Bacterium

Streptococcus sp. HMSC078D09

**B** Bacterium

Streptococcus sp. HMSC078H03

**B** Bacterium

Streptococcus sp. HMSC078H12

**B** Bacterium

Streptococcus sp. HMSC10E12

**B** Bacterium

Streptococcus sp. HPH0090

**B** Bacterium

Streptococcus sp. HSISS3

**B** Bacterium



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Streptococcus sp. I-G2 sp. I-G2

**B** Bacterium

Streptococcus sp. I-P16 sp. I-P16

**B** Bacterium

Streptococcus sp. SR1

**B** Bacterium

Streptococcus sp. SR4

**B** Bacterium

Streptococcus sp. oral taxon 064 strain W10853

**B** Bacterium

Streptococcus sp. oral taxon 431

**B** Bacterium

Streptococcus thermophilus CNRZ1066

**B** Bacterium

Streptococcus thermophilus JIM 8232

**B** Bacterium

Streptococcus thermophilus LMD-9

**B** Bacterium

Streptococcus thermophilus LMG 18311

**B** Bacterium

Streptococcus thermophilus MN-ZLW-002

**B** Bacterium

Streptococcus thermophilus ND03

**B** Bacterium

Streptococcus thermophilus strain CS8

**B** Bacterium



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Streptococcus thermophilus strain KLDS

**B** Bacterium

Streptococcus thermophilus strain MN-BM-A01

**B** Bacterium

Streptococcus thermophilus strain ND07

**B** Bacterium

Streptococcus thermophilus strain S9

**B** Bacterium

Streptococcus thermophilus strain SMQ-301

**B** Bacterium

Streptococcus timonensis strain Marseille-P2915

**B** Bacterium

Streptococcus vestibularis

**B** Bacterium

Streptococcus viridans

**B** Bacterium

Subdoligranulum sp. 4\_3\_54A2FAA

**B** Bacterium

Subdoligranulum variabile

**B** Bacterium

Tannerella sp. 6\_1\_58FAA\_CT1

**B** Bacterium

Tomato brown rugose fruit virus

**V** Virus

Tomato mosaic virus

**V** Virus



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Turicibacter sanguinis

**B** Bacterium

Tyzzarella nexilis

**B** Bacterium

Tyzzarella sp. Marseille-P3062 sp. Marseille-P3062

**B** Bacterium

[Bacteroides] pectinophilus

**B** Bacterium

[Clostridium] asparagiforme

**B** Bacterium

[Clostridium] bolteae

**B** Bacterium

[Clostridium] citroniae

**B** Bacterium

[Clostridium] clostridioforme 2\_1\_49FAA

**B** Bacterium

[Clostridium] clostridioforme 90A6

**B** Bacterium

[Clostridium] clostridioforme 90A7

**B** Bacterium

[Clostridium] clostridioforme 90A8

**B** Bacterium

[Clostridium] clostridioforme CM201

**B** Bacterium

[Clostridium] clostridioforme WAL-7855

**B** Bacterium



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[Clostridium] clostridioforme strain 2789STDY5834865

**B** Bacterium

[Clostridium] clostridioforme strain ATCC

**B** Bacterium

[Clostridium] clostridioforme strain NLAE-zl-C196

**B** Bacterium

[Clostridium] clostridioforme strain NLAE-zl-G208

**B** Bacterium

[Clostridium] glycyrrhizinilyticum JCM 13369

**B** Bacterium

[Clostridium] innocuum strain 2789STDY5834853

**B** Bacterium

[Clostridium] lactatifermentans

**B** Bacterium

[Clostridium] leptum DSM 753

**B** Bacterium

[Clostridium] scindens ATCC 35704

**B** Bacterium

[Clostridium] spiroforme

**B** Bacterium

[Clostridium] symbiosum

**B** Bacterium

[Clostridium] symbiosum WAL-14163

**B** Bacterium

[Clostridium] symbiosum WAL-14673

**B** Bacterium



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[Clostridium] symbiosum strain 2789STDY5834864

**B** Bacterium

[Eubacterium rectale] ATCC 33656

**B** Bacterium

[Eubacterium] contortum strain 2789STDY5834876

**B** Bacterium

[Eubacterium] eligens ATCC 27750

**B** Bacterium

[Eubacterium] hallii DSM 3353

**B** Bacterium

[Eubacterium] rectale strain T1-815

**B** Bacterium

[Eubacterium] siraeum DSM 15702

**B** Bacterium

[Eubacterium] siraeum strain 2789STDY5834928

**B** Bacterium

[Ruminococcus] torques strain 2789STDY5608867

**B** Bacterium

[Ruminococcus] torques strain 2789STDY5834841

**B** Bacterium

bacterium LF-3

**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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V I O M E

CHARLES WARDEN'S RESULTS

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.