## Healthpath's Gut Health Tests

#### BIOMARKERS



Healthpath's **Essential, Advanced** and **Ultimate Gut Health Tests** show you what's going on in your gut. By looking at imbalances in bacteria, yeasts, parasites and other intestinal health biomarkers, you find out what's contributing to your symptoms. You also receive targeted diet, supplement and lifestyle recommendations to help you take back control.

#### The biomarkers provide clinical information on three key areas:



0

#### Digestion/Absorption

• pH

1

- Pancreatic elastase
- Zonulin
- Digestive Residues



#### 2 | Immune activity/Inflammation

- Calprotectin
- Haemoglobin
- Secretory IgA
- H. Pylori
- Archaea/methanogens
- E. Coli, Lactobacillus species, Enterococcus species
- Akkermansia muciniphila, Faecalibacterium prausnitzii

#### **3** Gut microbiome/Mycobiome

- Microbiome diversity
- Enterotype
- Dysbiosis index
- Actinobacteria
- Bacteroidetes
- Firmicutes
- Proteobacteria
- Fusobacteria
- Verrucomicrobia
- Hydrogen-sulphide production
- Oxalate-degrading bacteria
- Yeasts
- Parasites



#### Clinical advantages of the qPCR technology used in Healthpath's tests

This new method of analysis allows for a single sample. This makes the process easier for everyone, and it's particularly helpful for children and those struggling with diarrhoea or constipation.





Essential Gut Health Test Test

#### **Stool properties**

Colour	$\checkmark$	$\checkmark$
Consistency	$\checkmark$	$\checkmark$
рН	$\checkmark$	$\checkmark$

#### Biodiversity

Diversity	$\checkmark$	$\checkmark$
Dysbiosis index	$\checkmark$	$\checkmark$

#### **Bacterial distribution**

Actinobacteria	$\checkmark$	$\checkmark$
Bacteroidetes	$\checkmark$	$\checkmark$
Firmicutes	$\checkmark$	$\checkmark$
Fusobacteria	$\checkmark$	$\checkmark$
Proteobacteria	$\checkmark$	$\checkmark$
Verrucomicrobia	$\checkmark$	$\checkmark$
Other	$\checkmark$	$\checkmark$
Firmicutes/ Bacteroidetes Ratio	$\checkmark$	$\checkmark$
Enterotype		

1, 2 or 3



#### Actinobacteria

В	ifidobacteria	$\checkmark$	$\checkmark$
Equol-producing bacteria		$\checkmark$	$\checkmark$
	Adlercreutzia species	$\checkmark$	$\checkmark$
	Eggerthella lenta	$\checkmark$	$\checkmark$
	Slackia species	$\checkmark$	$\checkmark$

#### Bacteroidetes

Ba	acteroides	$\checkmark$	$\checkmark$
	Bacteroides uniformis	$\checkmark$	$\checkmark$
	Bacteroidesovatus	$\checkmark$	$\checkmark$
Pı	revotella	$\checkmark$	$\checkmark$
	Prevotella copri	$\checkmark$	$\checkmark$

### Firmicutes

utyrate-producing acteria	$\checkmark$	$\checkmark$
Faecalibacterium prausnitzii	$\checkmark$	$\checkmark$
Eubacterium rectale	$\checkmark$	$\checkmark$
Eubacterium hallii	$\checkmark$	$\checkmark$
Roseburia species	$\checkmark$	$\checkmark$
Ruminococcus species	$\checkmark$	$\checkmark$
Coprococcus	$\checkmark$	$\checkmark$
Butyrivibrio species	$\checkmark$	$\checkmark$
Total bacterial count	$\checkmark$	$\checkmark$





Essential Gut Health Test Advanced Gut Health Test

#### Firmicutes

С	lostridia	$\checkmark$	$\checkmark$
	Clostridia total bacterial count	$\checkmark$	$\checkmark$
	Clostridia cluster 1	$\checkmark$	$\checkmark$

#### Fusobacteria

Fusobacterium species	$\checkmark$

#### Verrucomicrobia

Akkermansia muciniphila







#### Proteobacteria

	otentially athogenic bacteria	$\checkmark$	$\checkmark$
	Haemophilus	$\checkmark$	$\checkmark$
	Acinetobacter	$\checkmark$	$\checkmark$
	Proteus species	$\checkmark$	$\checkmark$
	Klebsiella species	$\checkmark$	$\checkmark$
	Enterobacter species	$\checkmark$	$\checkmark$
	Serratia species	$\checkmark$	$\checkmark$
	Hafnia species	$\checkmark$	$\checkmark$
	Morganella species	$\checkmark$	$\checkmark$
	Providencia species	$\checkmark$	$\checkmark$
	Citrobacter species	$\checkmark$	$\checkmark$
	Pseudomonas species	$\checkmark$	$\checkmark$
	istamine- roducing bacteria	$\checkmark$	$\checkmark$
Н	2S production	$\checkmark$	$\checkmark$
	Sulphate- reducing bacteria		$\checkmark$
	Desulfovibrio piger		$\checkmark$
	Desulfomonas pigra	$\checkmark$	$\checkmark$
	Bilophila wadsworthii		$\checkmark$



	Essential Gut Health Test	Advanced Gut Health Test	
Archaea			
Methanobrevibacter	$\checkmark$	$\checkmark$	
Immunogenically effective bacteria			
Escherichia coli	$\checkmark$	$\checkmark$	
Enterococcus species	$\checkmark$	$\checkmark$	
Lactobacillus species	$\checkmark$	$\checkmark$	
Mucin production mucosal barrier	אר/		
Akkermansia muciniphila	$\checkmark$	$\checkmark$	
Faecalibacterium prausnitzii	$\checkmark$	$\checkmark$	
Helicobacter pylori (H. pylori)			
Helicobacter AG		$\checkmark$	





#### Yeasts

Candida albicans	$\checkmark$	$\checkmark$
Candida krusei	$\checkmark$	$\checkmark$
Candida glabrata	$\checkmark$	$\checkmark$
Candida dubliniensis	$\checkmark$	$\checkmark$
Candida parapsilosis	$\checkmark$	$\checkmark$
Candida tropicalis		
Candida lusitaniae	$\checkmark$	$\checkmark$

### Parasites

athobionts		$\checkmark$
Blastocystis hominis		$\checkmark$
Dientamoeba fragilis		$\checkmark$
Helicobacter AG		$\checkmark$
•		$\checkmark$
Giardia lamblia		$\checkmark$
Entamoeba histolytica		$\checkmark$
Cryptosporidium species		$\checkmark$
Cyclospora cayetanensis		$\checkmark$
	hominis Dientamoeba fragilis Helicobacter AG athogenic intestinal rotozoa Giardia lamblia Entamoeba histolytica Cryptosporidium species Cyclospora	Blastocystis hominisImage: ComparisDientamoeba fragilisImage: ComparisHelicobacter AGImage: Comparisathogenic intestinal rotozoaImage: ComparisGiardia lambliaImage: ComparisEntamoeba histolyticaImage: ComparisCryptosporidium speciesImage: ComparisCyclosporaImage: Comparis



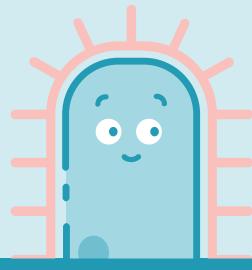


#### **Functional markers**

Calprotectin	$\checkmark$
Haemoglobin in faeces immunologically	$\checkmark$
Secretory IgA	$\checkmark$
Pancreatic elastase	$\checkmark$

#### **Digestive residues**

Determination of fat	$\checkmark$
Determination of nitrogen	$\checkmark$
Determination of sugar	$\checkmark$
Determination of water	$\checkmark$



Our Ultimate Gut Health test is the most comprehensive stool test. In addition to everything in the Advanced, you will also receive:

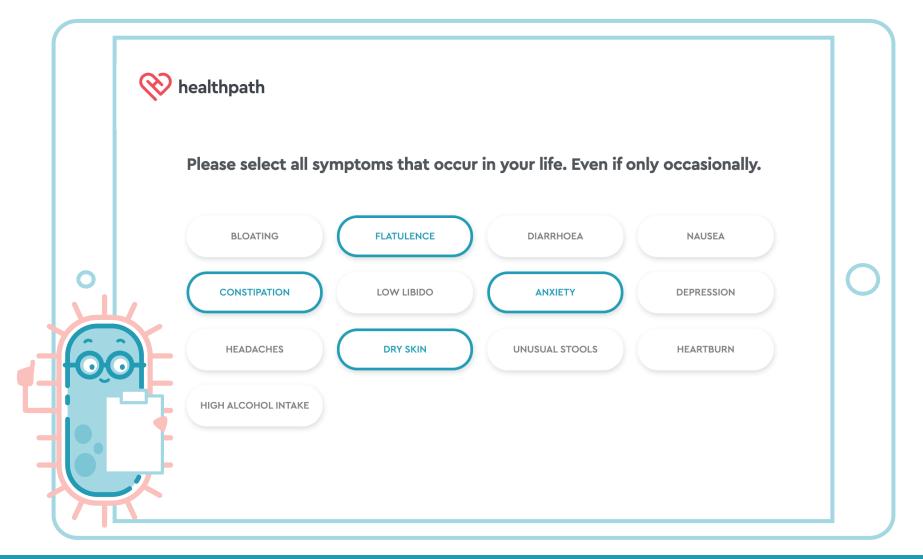
	Ultimate Gut Health Test
Functional markers	
Zonulin	$\checkmark$
Buytrate-producing bacteria	
Cl. buytricum	$\checkmark$
Clostridia	
Clostridia histolytium	$\checkmark$
Clostridia perfringens	$\checkmark$
Clostridia sporenges	$\checkmark$
Other Firmicutes	
Christensenellaceae	$\checkmark$
Dialister invisus	$\checkmark$
Proteobacteria	
Proteus mirabilis	$\checkmark$
Oxalate-degrading bacteria	$\checkmark$
Oxalobacter formigenes	$\checkmark$

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# Gut Health Test results are delivered in your private Healthpath dashboard

## Your practitioner considers your symptoms:







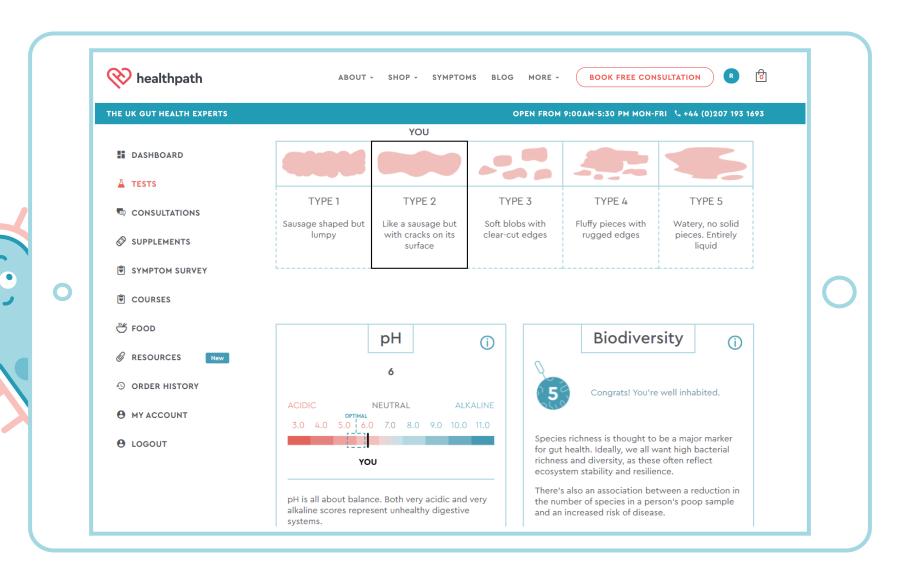
## You get a personal note from your practitioner:

📎 healthpath	ABOUT - SHOP - SYMPTOMS BLOG MORE - BOOK FREE CONSULTATION
HE UK GUT HEALTH EXPERTS	OPEN FROM 9:00AM-5:30 PM MON-FRI 🕓 +44 (0)207 193 1693
	Dear Richard,
DASHBOARD	Congratulations on getting this far. I have reviewed your symptom questionnaire and test results to
TESTS	create your personalised program.
-	Key Findings
	When viewing your test results, keep in mind that the microbiome is a new and complex area of science.
SUPPLEMENTS	You do not need to see 'out-of-range' markers as a diagnosis. Rather, see them as suggestions to focus on a particular aspect of health.
SYMPTOM SURVEY	Your key findings include:
ම් COURSES	1. A good stool pH – improved since your last test 2. Good microbiome diversity – also improved since your last test. 3. Dysbiosis
ــــــــــــــــــــــــــــــــــ	<ol> <li>Low levels of Bifidobacteria and key butyrate-producing (friendly) bacteria</li> <li>High levels of histamine-producing bacteria</li> </ol>
RESOURCES New	6. High levels of candida species 7. High secretory IgA (indicating immune activity) – this has increased since your last test.
	To learn more about your out-of-range markers, click the 'Show detailed description' button on the 'Out of range' page on your dashboard.
O MY ACCOUNT	Your Recommendations
<b>B</b> LOGOUT	Your program has been created based on your results and your symptom questionnaire. It is designed to balance your microbiome and support your gut health, addressing the findings listed above.
	The primary aims of your program are to support the growth of the beneficial, gut microbiome regulating bacteria, lower the levels of the less beneficial organisms, and to support the immune system along the gut lining.



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## An overview of your gut health:



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# A detailed breakdown of in-range and out-of-range markers:

🛞 healthpath	ABOUT - SHOP - SYMPTON	AS BLOG MORE - BOOK FREE CONSULTATION	
THE UK GUT HEALTH EXPERTS		OPEN FROM 9:00AM-5:30 PM MON-FRI 🥾 +44 (0)207 193 1693	
<b>DASHBOARD</b>	Tests > Ultimate Gut Health Test Results - out of range	Notes Overview In range Out of range Next steps	
TESTS	Show detailed description Yes ()	DOWNLOAD LAB REPORT	
<ul> <li>CONSULTATIONS</li> <li>SUPPLEMENTS</li> <li>SYMPTOM SURVEY</li> </ul>	< PREV	NEXT>	
🖲 COURSES	Bacterial distribution	Out of range	
RESOURCES New	- Actinobacteria	Borderline low	
<ul> <li>ORDER HISTORY</li> <li>MY ACCOUNT</li> <li>LOGOUT</li> </ul>	which reduce the pH within the intestines. A lowe bad bacteria. Low levels of Actinobacteria may predispose a pe	t. They produce special substances called short-chain fatty acids, er pH is a good thing because it helps to prevent the growth of erson to intestinal inflammation. Low levels of Bifidobacteria (a	
	type of Actinobacteria) are seen in IBS, IBD and co • Verrucomicrobia	olon cancer. Taking antibiotics can reduce Bifidobacteria.	



## A personalised program:

	🛞 healthpath	
	THE UK GUT HEALTH EXPERTS	OPEN FROM 9:00AM-5:30 PM MON-FRI 🔍 +44 (0)207 193 1693
	DASHBOARD TESTS	Tests > Ultimate Gut Health Test       Notes       Overview       In range       Out of range       Next steps         It's time to view your Healthpath dashboard and explore your personal recommendations:       Notes       Overview       In range       Next steps
	CONSULTATIONS  SUPPLEMENTS  SYMPTOM SURVEY	O1 Food program recommendations GET STARTED
0	ি COURSES 從 FOOD	These recipes and meal planning guidelines have been handpicked to aid the repair of your digestive health and optimise your wellbeing, based on your individual test results and personal information.
	RESOURCES New	02 Supplement recommendations GET STARTED
2	<ul> <li>ORDER HISTORY</li> <li>MY ACCOUNT</li> </ul>	Your practitioner has made these highly targeted supplement recommendations to fulfil your individual needs, based on your personal health assessment, alongside your food and lifestyle plans.
50	O LOGOUT	03 Resource recommendations GET STARTED
٤. ,		These articles, videos and comprehensive guides will educate and guide you on your journey to better health, having been carefully selected based on your personal details and individual results.



## **Advanced supplement protocol:**

🚫 healthpath	ABOUT - SHOP - SYM	PTOMS BLOG MORE -	BOOK FREE CONS		
THE UK GUT HEALTH EXPERTS		OPEN FROM 9	:00AM-5:30 PM MON-F	RI 💪 +44 (0)207 193 1693	
<ul> <li>DASHBOARD</li> <li>TESTS</li> <li>CONSULTATIONS</li> </ul>	Recommendations - 1 < Back to supplement recommendations	7/03/2021			
SUPPLEMENTS SYMPTOM SURVEY	Your personal note from your prace Your practitioner will explain the reason for their person symptom survey.		based on your test resul	Its and your	0
C RESOURCES New	– Your supplements schedule		M	SEND TO MY EMAIL	
<ul><li>Order history</li><li>MY ACCOUNT</li></ul>	Remember, this recommendation is bespoke to you required.	. Supplement container duration	s will vary and multiple p	purchases may be	
e logout	Breakfast	DOSAGE	DURATION	WHEN TO TAKE	
	Gaia Herbs - Oil of Oregano 230mg - 60 Liquid Phyto-	1 capsule twice per day.	8-12 weeks.	With each meal	



## Plus a copy of the original lab report

DIAGNO	STIK					Hioris Diagnostik WV Prot. Dr. most. Januari Wissenschaftliche Leitung Themas Gagertä Januarische Leitung Dr. most. Mit Saket Kran Jonas-Staads Verafie 2 66555 Linhung-Offsein Tachant für Landarisementelis	sátz	
xternal ID						Tel.: 0 64 31 / 21 248 Fax: 0 64 31 / 21 248	0 E-mail: infot 66 Web: www	thiovis.de .biovis.de
lame First Name	Demo A713AE1	Date Sex	e of Birth		1.1964 Female	Order ID Order Date		1263093 10.12.202
Sampling Date Sample Material	10.12.2021 00:00 FE		ation Date ation on	10.	12.2021	Findings Status Findings Date		Final Repo 10.12.20
Test		Result	Unit	Standard Range	e		Prev	lous Resu
Microbiome Healthpat	ih							
Molecular genetic mic	robiome analysis 3.0							
Stool Properties								
Colour		brown						N/Q 1
Consistency		mushy				-		NPQ 7
pH		6,5		5,8 - 6,	5			NA) TE
Biodiversity								
Diversity		6,42		>	5			NA) MG
Enterotype								
								NA) MG
Bacteroides Human intestinal m	icrobiomes can be different fined by dominant bacterial	iated into clusters v	three Enterot with distinct m	ypes. etabolic	Entero	otyp	1	NAQ MAG
Bacteroides Human intestinal m Enterotypes are del	icrobiomes can be different fined by dominant bacterial	iated into clusters v	three Enterot with distinct m	vpes. etabolic	Entero	otyp	1	764) MC
Bacteroides Human intestinal m Enterotypes are dei properties. Dysblosis Index	icrobiomes can be different fined by dominant bacterial represents a measure of d represents a measure of d	clusters v	with distinct m	rabiono	Entero Index	otyp	1	
Bacteroides Human intestinal m Enterotypes are dei properties. Dysblosis Index	fined by dominant bacterial	clusters v	with distinct m	rabiono	· · ·	otyp	1	
Bacteroides Human intestinal m Enterotypes are de properties. Dysbloosla Index The dysbloosla Index Depending on their considered.	fined by dominant bacterial k represents a measure of o relevance, all detected phy	clusters v	with distinct m	rabiono	Index	otyp	1	NARE
Bacteroides Human intestinal m Enterotypes are de properties. Dysbiosis Index Dysbiosis Index Depending on their considered. Ratio Firmioutes/Bacteroidete Phyla	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, generi	with distinct m within the mile a and species Quotient	stobiome. are < 1.	Index	1	1	NQ 76
Bacteroides Human intestinal m Enterolypes are del properties. Dysblools Index The dysblools index Ratio Firmioutes/Bacteroidete	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, generi	with distinct m within the mid a and species	2robiome. are <1,1 1,0-5,1	Index	1	1	NQ 76
Bacteroides Human intestinal m Enterotypes are de properties. Dysbiosis Index Dysbiosis Index Depending on their considered. Ratio Firmioutes/Bacteroidete Phyla	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, genera 1,73	with distinct m within the mile a and species Quotient	xrobiome. are 1,0 - 5, 30 - 6	Index	1	1	NUL PE NUL PE
Bacteroides Human Intestinal m Enterolypes are de properties Dyabiosis Index The dyabiosis Index Depending on their carabilered Ratio Firmicutes/Bacteroidetes Firmicutes Firmic	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, genera 1,73	with distinct m within the mix and species Quotient	zrobiome. are <1, 1,0-5, 30-6 30-6	Index	1	1	NUL MG
Bacteroides Human intestinal m Enterokytes are de properties. Dysbiosis index Depending on their considered. Ratio Phyla Actinobacteria Bacteroidetes	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, genera 1,73 1,7 28,6	with distinct m within the mik a and species Quotient	robiome. 	Index	1	1	NUL 755 NUL 75
Bacteroides Human Intestinal m Enterolypes are de properties Dyabiosis Index The dyabiosis Index Depending on their carabilered Ratio Firmicutes/Bacteroidetes Firmicutes Firmic	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, genera 1,73 1,7 28,6 49,4	with distinct m within the min a and species Quotient % % %	zrobiome. are <1, 1,0-5, 30-6 30-6	Index	1	1	NUL 755
Bacteroides Human intestinal m Enterolypes are de properties. Dysbiosis index The dysbiosis index Depending on their contrastered. Ratio Firmicutes/Bacteroidetes Firmicutes/Bacteroidetes Fundates Fundates Fusobacteria	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, genera 1,73 1,7 28,6 49,4 0,0	with distinct m within the min a and species Quotient	robiome. 	Index	1	0	NUL 755
Bacteroides Human intestinal m Enterolypes are de properties Dysblools Index The dysblools Index The dysblools Index Depending on their corisidered. Ratio Phyla Actinobacteria Bacteroidetes Firmioutes Firmioutes Protobacteria Proteobacteria	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, generi 1,73 1,7 28,6 49,4 0,0 8,9	with distinct m within the min a and species Quotient % % % % %	zrobiome. are 1,0-5) 30 - 6 30 - 6 0,0-1,1 1,5-5)	Index	1	0	No. 101 No. 102 No. 102 No. 102 No. 103 No. 103 No. 103 No. 103 No. 103 No. 103 No. 103 No. 103 No. 103 No. 102 No. 10
Bacteroides Human intestinal m Enterokypes are de properties. Dyabiosis index Dyabiosis index The dysbiosis index Depending on their considered. Firmicutes/Bacteroidete Phyla Bacteroidetes Firmicutes Firmicutes Fuscbacteria Versucomicrobia	fined by dominant bacterial k represents a measure of o relevance, all detected phy	leviations la, generi 1,73 1,7 28,6 49,4 0,0 8,9 1,9	with distinct m within the min a and species Quotient % % % % % % %	zrobiome. are 1,0-5) 30 - 6 30 - 6 0,0-1,1 1,5-5)	Index	1	0	NA 192 NA 192 NA 192 NA 193 NA 193 NA 193 NA 193 NA 193 NA 193 NA 193 NA 193

	A713AE1 F	Sex	Female	Order Date		0.12.2021
Bacteria Phyla - most important g Actinobacteria		esult Unit	Standard Range		Dravia	us Result
	enera and spec		Standard Hange		Pievio	us nesui
	,					
Bifidobacterium	1,2 X	10^10 CFU/g faeces	> 5,0 x 10/9			PRO MOTO
Bifidobacterium adolescent		81 %				
Bifidobacterium longu	m	16 %				NA) MOSE
Equol producing bacteria	4.3 X	10^9 CFU/g faeces	> 5.0 x 10/9			NA) MGSE
Adlercreutzia spp.		•				NA) MGSE
Eggerthella lenta						NA) MGSE
Slackia spp.						NA) MOSE P
Bacteroldetes						NA) MOSE
Bacteroides	1,6 X 1	0^11 CFU/g faeces	> 1,5 x 10^11			P. NO. MOST
Bacteroides uniform		15 %				
Bacteroides ovatu	IS	12 %				NA) MOSE P
Prevotella	40 x	10^10 CFU/g faeces	> 1,0 x 10^10			F
Firmicutes						NA) MGSE
Butyrate producing bacteria						
Total bacteria count	3,0 X	10^11 CFU/g faeces	> 1,2 x 10^11			P
Faecalibacterium prausnitzii	8,4 X	10^10 CFU/g faeces	> 5,0 x 10^10			NA) MOSE F
Eubacterium rectale	3.7 X	10^10 CFU/g faeces	> 1,0 x 10^10			NA) MODE P
Eubacterium hallii	3.3 X	10^10 CFU/g faeces	> 5,0 x 10/9			,
Roseburia spp.	5,0 X	10^10 CFU/g faeces	> 2,0 x 10^10			NA) MOSE
Ruminococcus spp.	4.1 X	10^10 CFU/g faeces	> 3,0 x 10^10			NA) MGSE
Coprococcus spp.	3.0 X	10^10 CFU/g faeces	> 2,0 x 10^10			NA) MOSE
Butyrivibrio spp.	2.1 X	10^10 CFU/g faeces	> 5,0 x 10/9			NA) MGSE
Clostridia		-				NA) MOSE
Clostridia total bacteria count	2,7 )	10/9 CFU/g faeces	<4,0 x 10*9			NALMOSE
Clostridia Cluster I	1,0 >	10^5 CFU/g faeces	< 2,0 x 10*9			NALMONT
Fusobacteria						NA) MUSE
Fusobacterium	< 1,0 x	10^5 CFU/g faeces	< 1,0 x 10^7			P NALMOSE
Verrucomicrobia						
Akkermansia muciniphila	1,9 X	10^9 CFU/g faeces	> 5,0 x 10^9			F NA M359
Proteobacteria						
Pathogenic or potentially pathog						
Haemophilus spp.	2,2 X	10^0 CFU/g faeces	< 1,0 x 10/9			P NA) MOSE
Acinetobacter spp.		10^5 CFU/g faeces	< 1,0 x 10^6			P NA) MOSE
Proteus spp.		10^5 CFU/g faeces	< 1,0 x 10^6			NA) MOSE
Klebsiella spp.		10^5 CFU/g faeces	< 1,0 x 1046			NA) MOSE
Enterobacter spp.	< 1,0 >	10^5 CFU/g faeces	< 1,0 x 10*6			NA) MGSE
Serratia spp.	< 1,0 x	10^5 CFU/g faeces	< 1,0 x 10*6			NA) MGSE
Hafnia spp.	< 1,0 x	10^5 CFU/g faeces	< 1,0 x 10^6			F NA) MGSB
Morganella spp.	< 1,0 )	10^5 CFU/g faeces	< 1,0 x 10^6			F NA) MOSE
Citrobacter spp.	< 1,0 )	10^5 CFU/g faeces	< 5,0 x 10^8			P NA) MOSE
Pseudomonas spp.	< 1,0 )	10^5 CFU/g faeces	< 5,0 x 10^7			P NA) MOSE
Providencia spp.	< 1,0 )	10^5 CFU/g faeces	< 5,0 x 10^7			NA) MOSE
H2S production						
-etool				* cooperate analytice (I	3) A) accredited NA)	not accreditor

Name	Demo	Date of	Birth	23.01	.1964	Order ID	12630932
First Name	A713AE1	Sex		Fe	emale	Order Date	10.12.2021
Test	F	Result	Unit	Standard Range			Previous Result
Sulphate reducing bacteria	5,0 x	( 10^9 CFU/g	faeces	< 2,0 x 10^9			FE NALMERED
Desulfovibrio piger	< 1,0 3	x 10^5 CFU/g	faeces	< 1,0 x 10^9			FI NALMOSE
Desulfornonas pigra	< 1,0 3	x 10^5 CFU/g	faeces	< 1,0 x 10^9			NU MOSE
Bilophila wadsworthii	< 1,0 1	x 10^5 CFU/g	faeces	< 2,0 x 10^9			Fill NALMARK
Histamine producing bacteria							100
Histamine producing bacteria	< 1,0 3	x 10/5 CFU/g	faeces	< 5,0 x 10^8			FE NALMOSEC
Immunogenicity / Mucus produc	ction						
Immunogenically effective bact	erla						
Escherichia coli	5,2 3	( 10^6 CFU/g	) faeces	10^6 - 10^7			FE NALMOSEC
Enterococcus spp.	< 1,0 )	( 10^6 CFU/g	faeces	10^6 - 10^7			FI NO. MORE
Lactobacillus spp.	2,6	x 10^5 CFU/g	faeces	10^5 - 10^7			PI NAU MODE
Mucin production / Mucosal bar	rler						
Akkermansia muciniphila	1,9 3	( 10^9 CFU/g	) faeces	> 5,0 x 10^9			FI NU MOSE
Faecalibacterium prausnitzii	8,4 X	10^10 CFU/g	faeces	> 5,0 x 10^10			FI NU MUSE
Archaea							
Methanogens							
Methanobrevibacter spp.	2,61	x 10^7 CFU/g	taeces	< 1,0 x 1048			PE NAJ MISSEG
Mycobiome: relevant yeasts							
Candida albicans (CA)	4,1 3	(10^3 KBE	/g Stuhl	<1,0 x 10^3			FE NALOPCE
Candida krusei (CK)	<1,0 3	x 10^3 KBE	/g Stuhl	< 1,0 x 10^3			R NALOPOT
Candida glabrata (CG)	<1,0 3	x 10^3 KBE	/g Stuhl	< 1,0 x 10^3			NA OPO
Candida dubliniensis (CD)	<1,01	x 10^3 KBE	/g Stuhl	< 1,0 x 10^3			FE NALOPCE
Candida parapsilosis (CP)	<1,0 3	x 10^3 KBE	/g Stuhl	< 1,0 x 10^3			FI NU OFC
Candida tropicalis (CTp)	<1,0 3	x 10^3 KBE	/g Stuhl	< 1,0 x 10^3			Ni OFO
Candida lusitaniae (CL)	<1.01	x 10^3 KBE		< 1,0 x 10/3			NA OF C

