



biovis Diagnostik MVZ GmbH

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External ID 0400926070

 Name
 Date of Birth
 17.01.1951
 Order ID
 11393725

 First Name
 Sex
 Female
 Order Date
 20.12.2017

Sampling Date 20.12.2017 00:00 Validation Date D

Dr. Herbert Schmidt Findings Status

Final Report

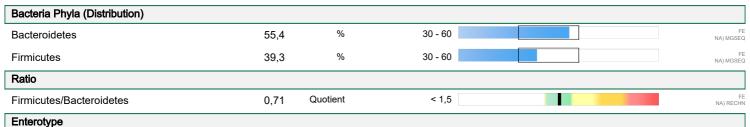
Sample Material FE Validation on 05.01.2018 Findings Date 09.01.2018

Test Result Unit Standard Range Previous Result

Stool Diagnostics							
Moleculargenetic Microbiomeanalysis MIDI							
Stool Properties							
Colour	dark brown		braun FE NA) VISU				
Consistency	mushy		breiig FE				
pH	6,5	5,8 - 6,5	6.0 FE NA) TESTS				
Biodiversity							
Distantionally							
Diversity	5,29	> 5,0	FE NA) MGSEQ				

The bacterial diversity in the intestinal tract may vary considerably from person to person. Antibiotic therapies, infections, increasing age, unbalanced diets or smoking are causes of declining diversity.





Litterotype

Bacteroides

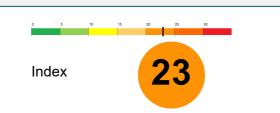
Human intestinal microbiomes can be differentiated into three Enterotypes. Enterotypes are defined by dominant bacterial clusters with distinct metabolic properties.

Enterotyp

1

Dysbiosis index

The dysbiosis index represents a measure of deviations within the microbiome. Depending on their relevance, all detected phyla, genera and species are considered.



NA) RECHN

Name	 Date of Bi 	rth	17.01.1951	Order ID	1139372
First Name	- Sex		Female	Order Date	20.12.2017
Test	Result	Unit	Standard Range		Previous Result
Bacteria Phyla - most important genera	and species				
Actinobacteria					
Bifidobacteria	9,8 x 10^8 CFU/g fa	eces	> 5,0 x 10^9		NA) MGSE
Bifidobacterium longum	79	%			F NA) MGSE
Equol producing bacteria	4,1 x 10^9 CFU/g fa	ieces	> 5,0 x 10^9		NA) MGSE
Bacteroidetes					
Bacteroides	5,0 x 10^11 CFU/g fa	ieces	> 1,5 x 10^11		NA) MGSE
Prevotella	< 1,0 x 10^6 CFU/g fa	eces	> 1,0 x 10^10		NA) MGSI
Firmicutes					
Butyrate producing bacteria					
Faecalibacterium prausnitzii	5,4 x 10^10 CFU/g fa	ieces	> 5,0 x 10^10		NA) MGSE
Eubacterium rectale	6,5 x 10^9 CFU/g fa	ieces	> 1,0 x 10^10		NA) MGSE
Eubacterium hallii	2,4 x 10^9 CFU/g fa	eces	> 5,0 x 10^9		NA) MGSE
Roseburia spp.	3,4 x 10^10 CFU/g fa	ieces	> 2,0 x 10^10		NA) MGSE
Ruminococcus spp.	6,2 x 10^10 CFU/g fa	ieces	> 3,0 x 10^10		NA) MGSE
Coprococcus	4,6 x 10^9 CFU/g fa	ieces	> 2,0 x 10^10		NA) MGS
Total bacterial count	1,9 x 10^11 CFU/g fa	ieces	> 1,3 x 10^11		NA) MGSI
Clostridia					NA) MGSE
Clostridia total bacterial count	1,2 x 10^10 CFU/g fa	ieces	< 4,0 x 10^9		F NA) MGSE
Clostridia cluster I	1,5 x 10^9 CFU/g fa	ieces	< 2,0 x 10^9		NA) MGSE
Fusobacteria					NA) MOOI
Fusobacterium spp.	< 1,0 x 10^6 CFU/g fa	ieces	< 1,0 x 10^7		NA) MGSI
Verrucomicrobia					NA) MODE
Akkermansia muciniphila	3,6 x 10^7 CFU/g fa	eces	> 5,0 x 10^9		NA) MGSE
Proteobacteria					,
Pathogenic or potentially pathogenic ba	cteria				
Haemophilus	8,9 x 10^8 CFU/g fa	ieces	< 1,0 x 10^9		NA) MGSE
Acinetobacter	< 1,0 x 10^6 CFU/g fa	ieces	< 1,0 x 10^6		NA) MGSI
Escherichia coli Biovare	< 1,0 x 10^4 CFU/g fa	eces	< 1,0 x 10^4		< 1,0 x 10 ⁴
Proteus species	< 1,0 x 10^4 CFU/g fa	eces	< 1,0 x 10^4		< 1,0 x 10 ⁴
Klebsiella species	< 1,0 x 10^4 CFU/g fa	eces	< 1,0 x 10^4		< 1,0 x 10 ⁴ 4 A) KULT
Enterobacter species	4,0 x 10^8 CFU/g fa	ieces	< 1,0 x 10^4		4,0 x 10^8
Serratia species	< 1,0 x 10^4 CFU/g fa	ieces	< 1,0 x 10^4		< 1,0 x 10 ⁴
Hafnia species	< 1,0 x 10^4 CFU/g fa		< 1,0 x 10^4		A) KULT < 1,0 x 10^4
Morganella spp.	< 1,0 x 10^4 CFU/g fa		< 1,0 x 10^4		A) KULT
Histamin Developing Bacteria	.,5 % 10 4 5. 5,9 10		.,		NA) N
Histaminbildende Bakterien	1,6 x 10^8 CFU/g fa	ieces	< 5,0 x 10^8		
H2S production	.,5 % 10 0 5 5.9 10		-,	-	NA) MGSI
p					

5,2 x 10^8 CFU/g faeces

< 2,0 x 10^9

Sulphate reducing bacteria

NA) MGSEQ

Name Date of Birth 17.01.1951 Order ID 11393725 First Name Sex Female Order Date 20.12.2017 Test Result Unit Standard Range **Previous Result** Immunogenicity / Mucus production Immunogenically effective bacteria 4,0 x 10^8 CFU/g faeces 10^6 - 10^7 2,0 x 10⁸ Escherichia coli < 1,0 x 10^4 Enterococcus species 1,0 x 10^8 CFU/g faeces 10^6 - 10^7 10^5 - 10^7 4,0 x 10⁴ Lactobacillus species 1,0 x 10^5 CFU/g faeces Mucin production / Mucosa barrier > 5,0 x 10^9 3,6 x 10^7 CFU/g faeces Akkermansia muciniphila NA) MGSEQ > 5,0 x 10^10 FE Faecalibacterium prausnitzii 5,4 x 10^10 CFU/g faeces Yeasts / Molds < 1,0 x 10^3 < 1,0 x 10^3 Candida albicans < 1,0 x 10^3 CFU/g faeces 4,0 x 10^3 Candida species 2,0 x 10^4 CFU/g faeces < 1,0 x 10^3 < 1,0 x 10^3 FE Geotrichum candidum < 1,0 x 10^3 CFU/g faeces < 1,0 x 10^3 negativ FE Moulds negative negative **Parasites** Giardia lamblia negativ negative negative negativ negative Entamoeba histolytica negative negativ Cryptosporidium spp. negative negative positiv Blastocystis hominis positive negative negativ Dientamoeba fragilis negative negative

negative

negative

Cyclospora cayetanensis

negativ

11393725 - **17.01.1951**

