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Figure 1 American State of Process of American State of Stat	☐ male ☐ female ☐ Date of Birth:					
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Country   Coun			Prof. Dr. med. Michael Kramer <sup>1</sup>			
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Malescular Genetic Blood Disgnestics   Classical Stool Analysis to Compact, some and an advance and procuration (4) closes (4). Part   Artist Microbiome Mini   Glaschrone + Physician and procuration (5) closes (4). Part   Artist Microbiome Mini   Glaschrone + Physician and Procuration   Compact, Practice-Oriented Microbiome Analyses   Compact	Diagnostic lest Directory		Metabolome in stool: irritable bowel syndrome-rela-	□ A140		
Microbiome Mid   Biastocysts Subsequent Differentation professor and aparticipants and properties and special properties and professor and aparticipants are professor and aparticipants and apartic			GABA; amino acid precursors (4), toxins (4), AhR	LI AITO	Salmonella, Shigella, Campylobacter, Yersini	
Microbiome Maria   Security   S	· · · · · · · · · · · · · · · · · · ·	☐ A178B	Blastocystis Subsequent Differentation	☐ A141		
For Individual Requests:    A780					E. coli O157, Salmonella spp., Shigella spp.,	
A798   Maldigestion, Malabsorption, Malabs			PLUS - Complementary Parameters	☐ A179	Viral Enteritis Pathogens Profile, PCR	OS
L. Molecular-Genetic Stool Analyses  Compact, Practice-Oriented Microbiome Analyses  Evaluation of findings and therapy recommendations are included  A713 Microbiome Mini (Sactionne + Impobleme) parasites pathogenic presented in control groups gene above)  A718 Microbiome Mini (Sactionne + Impobleme) parasites will as women and microsporidal Microbiome Analyses  A718 Microbiome Mini (Sactionne + Impobleme) parasites foundation parasites foundation of importation froulding includes 7 facultative pathogenic process for unclosed groups gene above)  A718 Microbiome Mini (Sactionne + Impobleme) parasites foundation of importation froulding Microbiome Analyses  A719 Microbiome Mini (Sactionne + Impobleme) parasites foundation of importation froulding importation of importation froulding importation of importation froulding importation of importation froulding importation generate and species, 7 floating generate and	For Individual Degreeter	☐ A750				
L. Molecular-Genetic Stool Analyses   Purher Molecular Genetic Profiles	For Individual Requests:			☐ A178	(6 parameters) Giardia lamblia, Entamoeba	
ATTRIB   Microbiome Min   Os. Fe (Bastorome + protectione of trufter or parasites)   Os. Fe (Bastorome + protectione of trufter or parasites)   Os. Fe (Bastorome + protectione of trufter)   Os. Fe (Bastorome + protectione of truther)   Os. Fe (Basto		☐ A501			cayetanensis, Blastocystis hominis,	a
AT730   Microbiome Mid   Bacteriome + pracelbiome, planelbiome, plan			The second secon	□ A170C	· ·	<u>ns</u>
Compact, Practice-Oriented Microbiome Analyses  Evaluation of findings and therapy recommendations are included  A713A Microbiome Mini (S. Fe (Bacteriome + mycobiome + parasites + worms and microspordia) Microbiome Mini (S. Fe (Bacteriome + probiome + parasites + worms and microspordia) Microbiome Mini (S. Fe (Bacteriome + parasites + worms and microspordia) Microbiome Mini (S. Fe (Bacteriome + parasites + worms and microspordia) Microbiome Analyses  A713B Microbiome Mini (S. Fe (Bacteriome + parasites + worms and microspordia) Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) manufaction of important functional groups (see above)  A713C Microbiome Maxi (S. Fe (Bacteriome + parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was and microspordia) Microbiome Analyses  A713C Microbiome Maxi (Piss - parasites) which was an an microspordia) Microbiome Analyses  A713C Microbiome Analyses  A	L Molecular Canatia Stool Analyses	■ A171		LIAI700	Differentiation of pathogenic and apathogen	
Evaluation of findings and therapy recommendations are included  A713A Microbiome Mini (Bacteriome + mycobiome) Diversity, phyla distribution, enteropy, relevant bacteria (eg. F. prausinizia, A. muciniphila) and 7 facultative pathogenic yeasts. Functional groups (ese above)  A713B Microbiome Mini (Bacteriome + mycobiome + parasites) Microbiome Mini includes 7 facultative pathogenic yeasts. Enteroptoxozon spp. / Encephalitazon spp. / Enc	i. Molecular-Genetic Stool Arialyses	☐ A121	(including pathogen quantification)	☐ A178N		OS
Evaluation of findings and therapy recommendations are included    A713A   Microbiome Mini   (Bacteriome + mycobiome) Diversity, phyla distribution, enteropy, relevant bacteria (e.g. F. prausnitzii, A. muciniphila) and 7 facultative pathogenic yeasts. Functional groups (besides bulyrate, equiph, histamine and H2S-formation etc. synthesis of secondary bile acids estrobolome. TMA metabolism, phenol, indole and ammonia are considered further on.    A713B   Microbiome Mini (Bacteriome + mycobiome + parasites)   (Bacteriome	Compact, Practice-Oriented Microbiome Analyses		C. parapsilosis, C. dubliniensis, C. krusei,		_	
□ A713A Microbiome Mini (Bacteriome + mycobiome) Diversity, phylac distribution, enteroptic, personal processes and common single-celled parasites a wind incresported and incresported parasites (Bacteriome + mycobiome + parasites)		☐ A121N	00			
Arisonome Mini (Bacteriome + mycobiome) Diversity, phyla distribution, enterotype, relevant bacteria (e.g. F. prausinizi), A. mucinphila) and 7 facultative pathogenic yeasts. Functional groups (besides buyrate, e.quch, histamine- and H25-Gramation etc., synthesis of secondary bile acids, estrobolome, TMA metabolism, phenol, indole and ammonia are considered further on.    Arisa   Microbiome Mini includes 7 facultative pathogenic yeasts and common single-celled parasites. Examination of important functional groups (see above)    Arisa   Microbiome Midi   Plus (Bacteriome + mycobiome + parasites) will be acids.   Arisa			C. albicans			
distribution, enterotype, relevant bacteria (eg. F. prausitizii, A mucinphila) and 7 facultative pathogenic yeasts. Functional groups (besides bulyrate, equch, histamine- and H2Ps formation etc., synthesis of secondary bile acids, estrobolome, TMA metabolism, phenol, incloile and ammonia are considered further on.    A7138   Microbiome Midi   Microbiome Midi   Microbiome Mini includes 7 facultative pathogenic yeasts and common single-celled parasites swell as worms and microsporidia, Examination of important functional groups (see above)    A7128   Microbiome Midi   Plus   S. F. (Bacteriome + mycobiome + parasites)   Microbiome Mini includes 7 facultative pathogenic yeasts, common single-celled parasites as well as worms and microsporidia, Examination of important functional groups (see above)    A7128   Microbiome Mini includes 7 facultative pathogenic yeasts, common single-celled parasites as well as worms and microsporidia, Examination of important functional groups (see above)    A7128   Microbiome Mini includes 7 facultative pathogenic yeasts, common single-celled parasites as well as worms and microsporidia, Examination of important functional groups (see above)    A7128   Microbiome Mini includes 7 facultative pathogenic yeasts, common single-celled parasites as well as worms and microsporidia, Examination of important functional groups (see above)    A7130   Microbiome Maxi   Microbiome Analyses   A7100			C. glabrata		☐ Dientamoeba fragilis	
pathogenic yeasts. Functional groups (besides butyrate, equid. histamine and H2S-formation etc., synthesis of secondary bile acids, estrobolome, TMA metabolism, phenol, indode and ammonia are considered further on.  A7138 Microbiome Midi (Bacteriome + mycobiome + parasites) (Microbiome Mini includes 7 facultative pathogenic yeasts and common single-celled parasites. Examination of important functional groups (see above)  A7128W Microbiome Midi Plus (Bacteriome + mycobiome + parasites) (Bacteriome + mycobiome + parasites) (Bacteriome + mycobiome + parasites) (Bacteriome + mycobiome parasites, as well as worms and microsporidial, Examination of important functional groups (see above)  A7128W Microbiome Mini includes 7 facultative pathogenic yeasts, common single-celled parasites as well as worms and microsporidial, parasites and all common parasites, as well as worms and microsporidial parasites and all common parasites, as well as functional groups (see above)  A713C Microbiome Maxi (Bacteriome + mycobiome + parasites) (Microbiome Mini includes) (S. Fe (Bacteriome + mycobiome + parasites) (Microbiome Mini including additional bacterial genera and species, of Tacultative pathogenic yeasts and all common parasites, as well as worms and microsporidial Microbiome Mini including additional bacterial genera and species, 7 facultative pathogenic yeasts and all common parasites, as well as functional groups (see above)  A713C Microbiome Maxi (Pus (Bacteriome + mycobiome + parasites) (Microbiome Mini including additional bacterial genera and species, 7 facultative pathogenic yeasts and all common parasites, as well as functional groups (see above)  A713C Microbiome Maxi (Pus (Bacteriome + mycobiome + single-celled parasites + worms and microsporidial) Microbiome Mini including additional bacterial general and yeasts.  A713C Microbiome Mini including additional bacterial general and yeasts.  A713C Microbiome Mini including additional bacterial general and yeasts.  A713C Microbiome Mini including additional bacterial gene	distribution, enterotype, relevant bacteria (e.g. F.				,	
etc., synthesis of secondary bile acids, estrobolome. TMA metabolism, phenol, indole and ammonia are considered further on.  A7138 Microbiome Midi	pathogenic yeasts. Functional groups (besides		☐ C. krusei			
Supplementary Functional Stool Parameters  Tapeworms, roundworms, pinworms (oxyurs), hookworms, New World hookworms, New Yorld hookwor	etc., synthesis of secondary bile acids,	Π Δ160	00	□ A450	CI. difficile GDH Toxin A, Toxin B Profile	; Fe
A713B   Microbiome Midi   OS, Fe (Bacteriome + mycobiome + parasites)   Enterocytozoon spp. / Encephalitozoon s		LI Alos	Tapeworms, roundworms, pinworms (oxyurs),	Sun	nlomentary Functional Steel Barance	otore
Cacteriome + mycobiome Maxi Plus   Cacteriome + mycobiome Analyses     A713CW   Microbiome Maxi Plus   Cacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + parasites   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + single-celled parasites + worms and microsporidia.   Microbiome Maxi Plus   Carge Bacteriome + mycobiome + single-celled parasites + worms and microsporidial   Microbiome Maxi Plus   Microbiome Microbiome Maxi Plus	A713B Microbiome Midi OS, Fe		tapeworms, whipworms, dwarf threadworms,			1013
Veasts and common single-celled parasites. Examination of important functional groups (see above)   Il Classical Stool Analysis Via Cultivation   Analysi	(Bacteriome + mycobiome + parasites)		Enterocytozoon spp. / Encephalitozoon spp.			
A712BW Microbiome Midi Plus	yeasts and common single-celled parasites.	II Clas	ssical Stool Analysis Via Cultivation	A180		
and microsporidia) Microbiome Mini includes 7 facultative pathogenic yeasts, common single-celled parasites as well as worms and microsporidia. Examination of important functional groups (see above)    A110   Microbiome Analyses   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection through cultivation of aerobic and anaerobic bacteria and yeasts.   Detection plants anaerobic and yeasts.   Detection plants and yeasts.   Detection plants and yeasts.   Detection plants and yeasts.   Detection pl			Profiles	☐ A190	-	Fe
Celled parasites as well as worms and microsporidia. Examination of important functional groups (see above)  Large Microbiome Analyses  A1111  Florastatus Plus Florastatus + F. prausnitzii, Akkermansia muciniphila  Microbiome Maxi (Bacteriome + mycobiome + parasites) Microbiome Mini including additional bacterial genera and species, 7 facultative pathogenic yeasts and all common parasites, as well as functional groups (see above)  A120  A130  Microbiome Maxi (Bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and  A130  Basic Profile Intestinal Tract Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and  A290  Immunity of the Muccus Membranes: slgA Fe  A400  Colonisation Resistance: β-Defensin Fe  A310  A400  A310  Haemoglobin  T910  A330  Calprotectin Fe  A340  α-1-Antitrypsin Fe  Fe  Fe  A350  A360  Lysozyme Fe  Basic Profile Intestinal Tract Plus A370  A370  PMN-Elastase Fe  A370  PMN-Elastase Fe  A370  PMN-Elastase Fe  Fe  A380  Pancreatic Elastase	and microsporidia) Microbiome Mini includes 7	☐ A110		☐ A200	Malabsorption: $\alpha$ -1-AT, Calprotectin	Fe
Large Microbiome Analyses  Large Microbiome Analyses  A713C Microbiome Maxi OS, Fe (Bacteriome + mycobiome + parasites) Microbiome Mini including additional bacterial genera and species, 7 facultative pathogenic yeasts and all common parasites, as well as functional groups (see above)  A713CW Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and  A131 Basic Profile Intestinal Tract Plus OS, Fe Basic Profile Intestinal Tract + F: prausnitzii, Akkermansia muciniphila  A131 Basic Profile Intestinal Tract Plus OS, Fe Basic Profile Intestinal Tract + F: prausnitzii, Akkermansia muciniphila  A270 PMN-Elastase  A370 PMN-Elastase  Fe A370 PMN-Elastase	celled parasites as well as worms and microsporidia.					
A713C Microbiome Maxi (Bacteriome + mycobiome + parasites) Microbiome Mini including additional bacterial genera and species, 7 facultative pathogenic yeasts and all common parasites, as well as functional groups (see above)  A713CW Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome  A713CW Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome  Maxi with human pathogenic worms and  A12D Mycological Flora Status in case of yeast detection, biochem. diff.  A12D D-Arabinitol in Urine  T928 A330 Calprotectin Fe  A340 α-1-Antitrypsin Fe  A350 Lactoferrin Fe  A360 Lysozyme Fe  A370 PMN-Elastase Fe  A370 PMN-Elastase Fe  A380 Pancreatic Elastase		☐ A111	Florastatus + F. prausnitzii,		•	Fe
A713C       Microbiome Maxi (Bacteriome + mycobiome + parasites) Microbiome Mini including additional bacterial genera and species, 7 facultative pathogenic yeasts and all common parasites, as well as functional groups (see above)       □ A125       D-Arabinitol in Urine       T928       □ A330       Calprotectin       □ A340       α-1-Antitrypsin       □ Fe         ■ A713CW       Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and       □ A131       Basic Profile Intestinal Tract Plus Basic Profile Intestinal Tract + F. prausnitzii, Akkermansia muciniphila       □ A370       PMN-Elastase       □ A370         ■ A380       Pancreatic Elastase       □ A380       Pancreatic Elastase       □ Elastase	Large Microbiome Analyses	<b>□</b> Δ120				
Microbiome Mini including additional bacterial genera and species, 7 facultative pathogenic yeasts and all common parasites, as well as functional groups (see above)  A713CW Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and  A125 D-Arabinto in Orthe  Basic Profile Intestinal Tract  Flora status, digestive residues, pancreatic elastase, bile acids, α-1-Antitrypsin, calprotectin, slgA  A340 α-1-Antitrypsin  Fe  A350 Lactoferrin  Fe  Basic Profile Intestinal Tract Plus  Basic Profile Intestinal Tra			in case of yeast detection, biochem. diff.	_	•	
and all common parasites, as well as functional groups (see above)  Flora status, digestive residues, pancreatic elastase, bile acids, α·1-antitrypsin, calprotectin, slgA  A713CW Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and  A8350 Lactoferrin  Fe A8360 Lysozyme  Fe Basic Profile Intestinal Tract Plus Basic Profile Intestinal Tract + F. prausnitzii, Akkermansia muciniphila  A8770 PMN-Elastase  Fe A880 Pancreatic Elastase  Fe	Microbiome Mini including additional bacterial			_	•	
groups (see above) bile acids, α-1-antitrypsin, calprotectin, slgA  A713CW Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and  A3131 Basic Profile Intestinal Tract Plus OS, 2Fe Basic Profile Intestinal Tract + F. prausnitzii, Akkermansia muciniphila  A370 PMN-Elastase Fe Pancreatic Elastase Fe Pancreatic Elastase Fe		∟ A130			**	
A713CW Microbiome Maxi Plus (Large bacteriome + mycobiome + single-celled parasites + worms and microsporidia) Microbiome Maxi with human pathogenic worms and  A820 Basic Profile Intestinal Tract + F. prausnitzii, Akkermansia muciniphila  A870 PMN-Elastase Fe  A370 PMN-Elastase Fe  A370 PMN-Elastase Fe			bile acids, α-1-antitrypsin, calprotectin, slgA	_		
Akkermansia muciniphila  parasites + worms and microspordia) Microbiome  Maxi with human pathogenic worms and  A200  Basic Profile Stress  2Fe, T909  A380  Pancreatic Elastase  Fe		☐ A131			•	
Maxi with high rest 2re, 1909	parasites + worms and microsporidia) Microbiome		Akkermansia muciniphila			
Pasio i Tollie intestinal nati + Zondini, mstarilile   AZVI   EPX	Maxi with human pathogenic worms and microsporidia	☐ A020	Basic Profile Stress 2Fe, T909 Basic Profile Intestinal Tract + Zonulin, Histamine	☐ A380	EPX	Fe



☐ A420 **EPX** 

□ A210 Calprotectin, Haemoglobin Fe, T910 □ A320 Haemoglobin/Haptoglobin T910 □ A430 M2PK in Stool Fe □ Intestinal Diagnostics □ B250 Crohn's Disease: p-ASCA-AB S □ B260 Colitis Ulcerosa: x-ANCA S □ B270 Indican and Skatole in Urine 2.MU □ A550 Zonulin in Serum S □ Intestinal Diagnostics □ B270 Indican and Skatole in Urine 2.MU □ A550 I-FABP S □ Indican and Skatole in Urine 2.MU □ A550 I-FABP S □ Indican and Skatole in Urine 2.MU □ A550 I-FABP S □ Indican and Skatole in Urine 2.MU □ A550 I-FABP S □ Indican and Skatole in Urine 2.MU □ A550 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU □ A650 I-FABP S □ Indican and Skatole in Urine 2.MU	
A sensitive test for the early recognition of colorectal cancer in stool based on the detection of occult blood, the amount of human DNA and existing oncogenic mutations in the KRAS and BRAF genes.  A 210 Calprotectin, Haemoglobin Fe, 1910  A 320 Haemoglobin/Haptoglobin 1910  A 320 Haemoglobin/Haptoglobin 1910  A 320 A 320 M2PK in Stool Fe  Intestinal Permeability  A 500 Zonulin Fe  A 500 Zonulin in Serum S  A 505 J-FABP S  III. Gastroenterological Diagnostics  Sugar Intolerances  B 110 Lactose Breath Test H2 and methane  B 140 Lactose Intolerance Gene Test (Mutation in the LCT gene)  B 300 Pepsinogen 1 (Anacidity, hypoacidity)  S Pepsinogen 1 (Anacidity, hypoacidity)  S Pepsinogen 1 (Anacidity, hypoacidity)  S Serological Pathographics  Serological Pathographics  S Please see recording to the service of the pathographic service	nostics
colorectal cancer in stool based on the detection of occult blood, the amount of human DNA and existing oncogenic mutations in the KRAS and BRAF genes.  A210 Calprotectin, Haemoglobin Fe, 1910  A320 Haemoglobin/Haptoglobin 1910  A320 M2PK in Stool Fe  Intestinal Permeability  A550 Zonulin Fe  B250 Crohn's Disease: p-ASCA-AB S Please see n  B260 Colitis Ulcerosa: x-ANCA S  A550 Zonulin in Serum S  A550 Zonulin in Serum S  A550 I-FABP S  III. Gastroenterological Diagnostics  III. Gastroenterological Diagnostics  Sugar Intolerances  B110 Lactose Breath Test H2 and methane B100 (Often increased in connection with intolerances) H2 and methane  B120 Fructose Breath Test H2 and methane  B130 Fructose Intolerance Gene Test EDTA ◆■ (Mutation in the LCT gene)  B150 Fructose Intolerance Gene Test EDTA ◆■ (Matabolites: histamine, tryptophan, GABA *Common causes of irritable bowel-syndrome: histamine revicess, lack of tryptophan, gABA *Common causes of irritable bowel-syndrome: histamine in excess, lack of tryptophan, serotonin, and/or GABA.  B150 Fructose Intolerance Gene Test EDTA ◆■ (Common causes of irritable bowel-syndrome: histamine in excess, lack of tryptophan, serotonin, and/or GABA.  Common causes of irritable bowel-syndrome: histamine in excess, lack of tryptophan, serotonin, and/or GABA.  Common causes of irritable bowel-syndrome: histamine in excess, lack of tryptophan, serotonin, and/or GABA.  Common causes of irritable bowel-syndrome: histamine in excess, lack of tryptophan, serotonin, and/or GABA.  Common causes of irritable bowel-syndrome: histamine in excess, lack of tryptophan, serotonin, and/or GABA.	
existing oncogenic mutations in the KRAS and BRAF genes.    A210   Calprotectin, Haemoglobin   Fe, T910   A320   Haemoglobin/Haptoglobin   T910   A430   M2PK in Stool   Fe   Intestinal Diagnostics   Endicated   Virus Serce   Bacterial Second   Candidas   Please see of   Candidas   Candidas   Candidas   Candidas   Candidas   Candidas   Candidas	
A210   Calprotectin, Haemoglobin   Fe, T910   B230   Pepsinogen 1 (Anacidity, hypoacidity)   S   Serological Pathograms   Serological Pathogram	Tick-Born Encephalitis/TBE
A320 Haemoglobin/Haptoglobin T910  A320 Haemoglobin/Haptoglobin T910  A430 M2PK in Stool Fe  Intestinal Permeability  A500 Zonulin Fe  B250 Crohn's Disease: p-ASCA-AB S  B260 Colitis Ulcerosa: x-ANCA S  B270 Indican and Skatole in Urine 2.MU  A550 Zonulin in Serum S  A550 LFABP S  IV. Metabolome Diagnostics  IV. Metabolome In Stool  B110 Lactose Breath Test H2 and methane  B140 Lactose Intolerance Gene Test EDTA ← (Mutation in the LCT gene)  B140 Lactose Intolerance Gene Test EDTA ← (Please see See Fuructose and Sorbitol in Stool (Please see See See Fuructose and Sorbitol in Stool (Please see See See Fuructose and Sorbitol in Stool (Please see See See See See See See See See S	
May   Ma	Testing:
Intestinal Permeability  □ 8250 Crohn's Disease: p-ASCA-AB □ 8250 Colitis Ulcerosa: x-ANCA □ 850 Zonulin in Serum □ 850 Zonulin in Serum □ 850 I-FABP □ 85 IV. Metabolome Diagnostics  □ 8270 Indican and Skatole in Urine □ 8270 Indican and Skatole	
Intestinal Permeability  □ B260 Colitis Ulcerosa: x-ANCA S □ B270 Indican and Skatole in Urine 2.MU  □ A550 Zonulin in Serum S □ A550 I-FABP S □ IV. Metabolome Diagnostics  □ B110 Lactose Breath Test H2 and methane □ B140 Lactose Intolerance Gene Test (Mutation in the LCT gene) □ B270 Indican and Skatole in Urine 2.MU □ K430 Swab, other □ K430 Swab, other □ K430 Swab, other □ K440 Urine Culture □ B140 Lactose Breath Test EDTA ← Regulation of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances □ B140 Lactose Intolerance Gene Test EDTA ← Regulation of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances □ A410 Histamine in Stool Instantine in Stool Irritable Bowel-Related Metabolites NEW □ K360 Vaginal Swa (Please see Substances) □ A672 Irritable Bowel-Related Metabolites NEW □ K361 Sateria and New Common causes of irritable bowel syndrome: histamine excess, lack of tryptophan, serotonin, and/or GABA. □ K381 Bacteria and Including ABA includi	0,
A500   Zonulin   Fe	uest form A14, chapter VI
A550 Zonulin in Serum  A550 I-FABP  S  IV. Metabolome Diagnostics    Metabolome In Stool   K430   Swab, other	,
A550 Zonulin in Serum  A550 I-FABP  S  IV. Metabolome Diagnostics    Netabolome In Stool	Bacteria Ana
III. Gastroenterological Diagnostics    Sugar Intolerances	
Sugar Intolerances   Sugar	niscellaneous:
Sugar Intolerances  □ B110 Lactose Breath Test H2 and methane □ B140 Lactose Intolerance Gene Test (Mutation in the LCT gene) □ B900 Bacterial Cleavage Activity of Fructose and Sorbitol in Stool (Often increased in connection with intolerances) □ B120 Fructose Breath Test H2 and methane □ B150 Fructose Intolerance Gene Test EDTA ◆● □ K360 Fatty Acids Butyrate, acetate, propionate, iso fatty acids □ B150 Fallouronidase Fe Regulation of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances □ A410 Histamine in Stool □ K362 Vaginal Swar (Please see Swar (Please	
Sugar Intolerances  A650  Bitto Lactose Breath Test H2 and methane  Bitto Lactose Intolerance Gene Test (Mutation in the LCT gene)  Bitto Bacterial Cleavage Activity of Fructose and Sorbitol in Stool (Often increased in connection with intolerances)  Bitto Fructose Breath Test H2 and methane  Bitto Fructose Breath Test H2 and methane  Bitto Fructose Breath Test H2 and methane  Bitto Fructose Intolerance Gene Test (Please see See See See See See See See See S	sing pathogens
Billo Lactose Breath Test H2 and methane  Billo Lactose Intolerance Gene Test (Mutation in the LCT gene)  Billo Bacterial Cleavage Activity of Fructose and Sorbitol in Stool (Often increased in connection with intolerances)  Billo Fructose Breath Test H2 and methane  Billo Fructose Intolerance Gene Test EDTA ◆■  Billo Fructose Breath Test H2 and methane  Billo Fructose Intolerance Gene Test EDTA ◆■  Billo Fructose Breath Test H2 and methane  Billo Fructose Intolerance Gene Test EDTA ◆■  Billo Fructose Intolerance Gene Tes	40, A178, A179, A440, A450)
Bit0 Lactose Breath Test H2 and methane  Bit0 Lactose Intolerance Gene Test (Mutation in the LCT gene)  Bit0 Bacterial Cleavage Activity of Fructose and Sorbitol in Stool (Often increased in connection with intolerances)  Bit0 Fructose Breath Test H2 and methane  Bit0 Fructose Intolerance Gene Test EDTA   Great Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of the reabsorption of hormones, phytoestrogens, toxins, drugs or carcinogenic substances  Wight Figuration of the reabsorption of the reabsorption of the reabsorption of the reabsorption o	
□ B140 Lactose Intolerance Gene Test (Mutation in the LCT gene)  □ B900 Bacterial Cleavage Activity of Fructose and Sorbitol in Stool (Often increased in connection with intolerances)  □ B120 Fructose Breath Test H2 and methane  □ B150 Fructose Intolerance Gene Test EDTA ◆●  □ B150 Fructose Intolerance Gene Test EDTA ◆●  □ B150 Fructose Intolerance Gene Test EDTA ◆●  □ A410 Histamine in Stool (Please see some	
B900   Bacterial Cleavage Activity of Fe Fructose and Sorbitol in Stool (Often increased in connection with intolerances)   B120   Fructose Breath Test H2 and methane   B150   Fructose Intolerance Gene Test   EDTA ◆■   Phytoestrogens, toxins, drugs or carcinogenic substances   Cleavage Activity of Fe Fructose and Sorbitol in Stool (Often increased in connection with intolerances)   A410   Histamine in Stool   T909   K366   Vaginal Sw (Please see some Vaginal Sw (Please s	Aromatog
B900 Bacterial Cleavage Activity of Fe Fructose and Sorbitol in Stool (Often increased in connection with intolerances)  B120 Fructose Breath Test H2 and methane  B150 Fructose Intolerance Gene Test EDTA ◆●  B150 Fructose Intolerance Gene Test EDTA ◆●  Substances (Please see s (Pl	
Fructose and Sorbitol in Stool (Often increased in connection with intolerances)  B120 Fructose Breath Test H2 and methane  B150 Fructose Intolerance Gene Test  EDTA   Histamine in Stool  T909  K366 Vaginal Sw. (Please see s  1 Irritable Bowel-Related Metabolites NEW 4 Metabolites: histamine, tryptophan, GABA *Common causes of irritable bowel syndrome: histamine excess, lack of tryptophan, serotonin, and/or GABA.  K386 Bacteria and including A	parate request form)
□ B120 Fructose Breath Test H2 and methane □ B150 Fructose Intolerance Gene Test EDTA ◆● Irritable Bowel-Related Metabolites NEW □ (Please see see see see see see see see see	including Aromatogram
H2 and methane  4 Metabolites: histamine, tryptophan, GABA  *Common causes of irritable bowel syndrome: histamine excess, lack of tryptophan, serotonin, and/or GABA.  K381  Bacteria and service and	parate request form)
□ B150 Fructose Intolerance Gene Test EDTA 🅶 ne excess, lack of tryptophan, serotonin, and/or GABA. □ K386 Bacteria and including A	ungi in Urine
including A	Fungi in Urine
Biso Sorbitol Breath lest 1902 Ac40 Metabolome in Steel NEW	natogram
H2 and methane  20 Metabolites: irritable bowel syndrome-related  K391 Bacteria and	
B135 Fructose-Sorbitol-Combination T917 metabolites (histamine, tryptophan, serotonin, GABA)  Breath Test  Breath Test	
H2 and methane amino acid precursors (3), toxins (4), AhR agonists (7), k395 bacteria and bile acids (6), various ratios and scores.	Fungi in Throat and Nose matogram
□ B105 SIBO T929	
(Bacterial Overgrowth Syndrome)  Breath test for the detection of small intestine  Metabolome In Urine  Superficial V	
miscolonization	Fungi in Superficial
	including Aromatogram
Gluten Intolerance TMAO: bacterial causes of cardiovascular diseases, including consideration of the starting	
A480 Gliadin and Transglutaminase AB Fe substances: choline, betaine and L-carnitine	
(TG2) in Stool (do not eat seafood/fish 2 days before sampling !!)	
□ B170 Gliadin and Transglutaminase AB S (TG2) in Serum □ A685 Tryptophan-Metabolism Plus T928	
☐ B180 Anti-WGA IgG S Comprehensive analysis of the TRP metabolism:	
(wheat germ agglutinin) Serotonin formation, kynurenine pathway with	
B190 Genetic Disposition EDTA	
Additionally: <b>Neopterin</b> (screening for IFN-γ	
Special Indications: Skin and CNS	
B174 Transglutaminase 3 Antibodies S Bacterial Uremic Metabolites T928 Hippuric acid, HPHPA, indole-3-acetic acid,	
Autoimmune diseases of the skin. e.g. dermatitis indoxyl sulfate, p-cresol sulfate,	
herpetiformis duhring phenylacetylglutamine, tryptamine	
☐ B176 Transglutaminase 6 Antibodies S IgA and IgG	
Transglutaminase of the CNS, e.g. in gluten ataxia  V. Vaginal Diagnostics	
Histamine Intolerance pH Value	
□ C385 Histamine Degradation Capaicity S □ V712 Vaginal Microbiome T921	
Diversity, vagitype, dominant lactobacilli flora,	
(Detection of reactions to biogenic amines)  H2O2, lactic acid formation, accompanying anaerobic flora, bacterial vaginosis associated	
C395 Co-Factors of DAO EDTA, Hep bacteria + Candida incl. interpretation of findings	
and anotapy rocommondation	
C410 Methylhistamine in Urine T928  C415 Histamine in Urine T928	
- 3.00	
Can be usefully supplemented by tests for genetic histamine intolerance (H420, H425, H430, see	
GEN-14 form).	



#### **A14**

Includes all blood, urine and saliva tests:
Orthomolecular and mitochondrial medicine
Allergies and intolerances
Neurological stress and endocrinology
Saliva tests
Immunology and haematology
Infection diagnostics
Clinical chemistry
Detoxification / toxicology

### A14T-BS Test Set Request

This form is included with the test sets. Please use the provided form and avoid duplicate requests.

# EBS-2 Evidence-Based Strategies for Common Diseases and Health

Comprises diagnostic profiles specifically compiled for various medical conditions, such as acne, burnout, chronic fatigue syndrome (CFS), depression, migraines, or irritable bowel syndrome (IBS). Additionally, it lists differential diagnostic and advanced parameters or profiles. The profiles are evidence-based, elucidate causes, describe consequences for the organism, and provide reliable approaches for individualized therapy.

## **GEN-14 Genetics**

**Conditions** 

Includes clinically relevant gene combinations, epigenetic profiles, genetic profiles related to various health issues (such as histamine intolerance, inflammation, depression, vitamins, pharmacogenetics, cardiovascular health, osteoporosis, coagulation, etc.), and various individual analyses.

#### TM-14 Telemedicine

A minimally invasive option for patients who cannot visit the practice.



A 1 4 s - 1 - E N - 3

#### MEDICAL HISTORY Medication, Dosage, Taken since: **Complaint Pattern / Anamnesis: Patient Data: Blood Pressure:** mm Hg **Body Height:** Weight: kg **Diagnoses** Please mark known diseases or complaint patterns of the patient **Digestive Tract Declaration of Consent for Genetic Analysis** Colitis ulcerosa ☐ Intestinal mycosis (Gene Diagnostics Law §7 medical reservation) Diarrhoea Diabetes mellitus Diverticulosis Dyspepsia Must be completed in full, otherwise diagnostics cannot be performed! Fructose malabsorption Cholelithiasis To be filled by the doctor: My physician has informed me about the relevance and Gastritis Haemorrhoids scope of the resepective diagnostic tests, in particular Colon carcinoma ☐ Lactose Intolerance about their purpose, nature, extent, significance and Crohn's disease Meteorism First name of the patient consequences. ☐ Food Intolerances yes 🔲 🔲 no П Constination Ulcus complaints Celiac Disease I have given my consent to the collection of required Pancreas Insufficiency, exocrine · Family name of the patient sample material. ☐ Irritable colon ☐ Stomatitis yes 🔲 🔲 no Date of birth of the patient **Respiratory Tract** I was given sufficient time before agreeing to the above Bronchial asthma ■ Bronchitis mentioned analysis and I have the right to revoke my Rhinitis ☐ Sinusitis Declaration of Consent in written form at any time. Date Tonsillitis I agree that the remaining sample material can be kept for Name of the doctor Skin/Hair later verification, additional requests by my physician or Acne Eczema for scientific purposes (i.e. method development) until ☐ Furuncles Loss of hair Signature of the doctor revoked. Psoriasis ☐ Dry skin yes 🗌 🔲 no Urticaria ☐ Cellulitis The requested analysis can be forwarded to a specialized medical cooperation laboratory. Cardiovascular System Angina pectoris Arteriosclerosis

#### Patient Declaration

Place and Date

I herewith agree with the requested tests. I have been informed about the costs.

I agree to provide personally identifiable information (name, address, payer, insurance number, date of birth and gender, if applicable, body height and weight, history and medication), if required for any requested analysis. (Regulation (EU) 2016/679 Art. 6 (1) (b)). I give this consent voluntarily and can revoke it at any time with immediate effect for the future informally without giving any reason. This is what my doctor

has explained to me.

Place and Date

Signature/Legal Representative

The test results might be saved for a longer time than

yes 🗌 🔲 no

the specified 10 years period.

Signature/Legal Representative

#### **Material Legend:**

#### Blood

Serum

☐ High blood-pressure

**Urogenital Tract** Cystitis

Neurodermatitis

☐ Hyperactivity (ADS)

**Hormonal Dysfunction** 

Premenstrual complaints

Muscoloskeletal System

Bechterew's disease

Depression

Anxiety

☐ Fatigue

Menopause

Athrosis

Psyche/Nervous System

**Allergies** Food allergies

Prostatic hypertrophy

Lipid metabolic disorder

Cardiac insufficiency

☐ Urinal Tract Infection

Vaginal mycosis

Polyneuropathy

☐ Hypothyroidism

Hyperthyroidism

Osteonorosis

■ Rheumatoid arthritis

Headaches

☐ Insomnia

Pollinosis

EDTA Whole-Blood **FDTA** Hep Heparin Whole-Blood

#### **Urine Diagnostics**

Midstream Urine, green UM\* U areen = Second Morning Urine, yellow UM\* 2.MU

#### **Other Materials**

Fe Stool

OmicSnap

OM OmicSnap Meta

Swab Smear (Cotton Swab)

T + Nr. Special Test Set, depends on requirements

Genetic Consent required §7 medical reservation