

# Lab4gut - Intestinal Health

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Lab4more

Bogen 6

Patient's Name, First name D.o.B.

Address

## PATIENT CONSENT

I have read, understood and accept the declaration on the collection/transmission of my patient data on page 2 (status 01/2023\_V5).

I hereby give my consent to the arranged examinations by the MVZ Labor Bavariahaus, as well as the preparation of a special report on these laboratory values (without additional costs) by Lab4more GmbH. Liquidation for these services will be based on the scale of fees for physicians (GOÄ) plus a flat rate for materials and shipping costs according to § 10 GOÄ.

I have been informed that my health insurance may not cover or only partially cover various services; in this case, I nevertheless undertake to settle the total amount. Furthermore, I confirm the correctness of the information provided here about myself.

Date: \_\_\_\_\_ Patient's signature: \_\_\_\_\_

Tel.No. Patient: \_\_\_\_\_

**REQUESTS WITHOUT A SIGNATURE CANNOT BE PROCESSED**

- First visit (181)
- Control (182)
- No report interpretation (183)

### Sex

- Male
- Female
- Other
- Pregnancy

Collection date .....

Time .....

Medication (184)

.....

.....

.....

.....

### Information for BMI

Height (cm) ..... (10171)

Weight (kg) ..... (10172)

Info: Waist-to-Hip-Ratio (10174)

Waist (cm) ..... (10178)

Hips (cm) ..... (10179)

## PRACTICE STAMP

## INVOICE TO

- Private patient (64)
- Self Payer(50)

### Alternatively to

- Practice (70)

Diagnosis/Important Information

Additional test requests

Barcode:  
Schein

## Which medications/Preparations do you take on a regular basis?

### MEDICATIONS

Antibiotics, which? .....

### FOOD SUPPLEMENTS

Pre-/Probiotics, which? .....

## PERSONAL INFORMATION

Please mark all relevant symptoms according to severity ①light/rarely ②middle/moderately ③strong/regularly

### LIFESTYLE/NUTRITIONAL HABITS

- ① ② ③ Sport
- ① ② ③ Smoking
- ① ② ③ Alcohol
- ① ② ③ Energy drinks
- ① ② ③ Coffee
- Mixed diet
- Nutritionally balanced diet
- Meat rich diet
- Low carb diet
- Vegetarian diet
- Vegan diet
- Other Diet:

### INTESTINAL DISORDERS

- ① ② ③ Constipation
- ① ② ③ Diarrhoea
- Stools per day .....
- ① ② ③ Flatulence
- Bloating feeling after eating
- Colic
- Stomach ache
- Loss of appetite
- Haemorrhoids
- Irritable bowel
- Chronic inflammatory bowel disease
- which? .....

### METABOLISCHES SYNDROM

- Over weight (Adiposity (BMI>30))
- Metabolic Syndrome

### HERZ/KREISLAUF

- Hypertension
- Arteriosclerosis
- Heart attack, when? .....
- Stroke, when?

### DIABETES

- Diabetes Type I
- Diabetes Type II

### HEPATIC DISEASES

- Lipid metabolism disorders
- Fatty liver
- Hepatitis
- which Form? .....
- Liver fibrosis
- Liver cirrhosis

### NEUROSTRESS

- ① ② ③ Stress
- ① ② ③ Burn-Out
- ① ② ③ Tiredness/Fatigue
- ① ② ③ CFS/Chronic Fatigue Syndrome
- ① ② ③ Fear/Panic attacks
- ① ② ③ Depression
- ① ② ③ Sleep disorders
- ① ② ③ ADS/ADHS
- ① ② ③ Cravings
- ① ② ③ Fibromyalgia
- ① ② ③ Headaches/Migraine

### LOCOMOTORY SYTEM

- ① ② ③ Arthritis
- ① ② ③ Arthrosis
- ① ② ③ Rheuma
- ① ② ③ Osteoporosis
- ① ② ③ Other inflammatory disorders of the locomotory system.

which? .....

### IMMUNE SYSTEM

- ① ② ③ Frequent Infections
- ① ② ③ Chronic Infections
- which? .....
- wound healing disorders
- Autoimmune diseases
- which? .....
- Skin
- Neurodermitis
- Psoriasis
- Urticaria
- Other skin diseases
- which? .....

### ALLERGIES/INTOLERANCES

- ① ② ③ Food allergies (IgE)
- which? .....
- ① ② ③ Food intolerances (IgG)
- which? .....
- Gluten intolerance
- Coeliac
- Histamine intolerance
- Asthma
- Fructose intolerance
- Lactose intolerance
- Inhalative Allergies/Rhinitis .....

### CANCEROUS DISEASES

- Cancerous diseases
- which? .....
- when? .....
- Treatment (currently or in the last 4-6 Weeks.)
- yes  no  planned
- what treatment: .....

### OTHER DISORDERS

#### THYROID

- Hyperthyroidism
- Hypothyroidism
- Hashimoto Thyroiditis

#### NIERE/BLASE

- Renal Disorders

which? .....

- ① ② ③ Incontinence

#### OTHER DISORDERS

.....

Lab4gut MOLECULAR MIKROBIOME ANALYSES		€
<input type="checkbox"/> ST	<b>Lab4gut basis/semiquantitative</b> 6574 Semiquantitative molecular biological base analysis of 11 key bacteria Akkerm. muciniphila, Faecalib. prausnitzii, Ruminoc. gnavus, Eub. rectale, Bacter. vulgatus, Prev. copri, Desulfov. piger, Bact. fragilis, Bifido. longum, Roseburia intestinalis, Methan. smithii unclear well-being disorders.	
<input type="checkbox"/> SPZ	<b>Lab4gut NGS</b> 6573 (ST,NGS) Quantitative molecular bacterial analysis using Next Generation Sequencing: Relationship Phyla, Diversity, Enterotypes, Ratio Bacteroidetes/Firmicutes, Groups: SCFA formers, Mucus degraders, LPS formers, Pathogens etc. unclear well-being disorders, metabolic dysbalance, dyspeptic intestinal problems, risk determination	
<input type="checkbox"/> mit	Endotoxin-Index	839
<input type="checkbox"/> SPZ	<b>Lab4gut NGS advanced</b> 6575 (ST,NGS) Quantitative molecular bacterial analysis using Next Generation Sequencing: Lab4gut NGS + Endotoxin-Index, Zonulin, $\alpha$ -1-Antitrypsin unclear well-being disorders, inflammatory indicators	
<input type="checkbox"/> SPZ	<b>Lab4gut NGS complete</b> 6576 (ST,NGS) Quantitative molecular bacterial analysis using Next Generation Sequencing: Lab4gut NGS + Parasites (PCR) + Endotoxin-Index, $\alpha$ -1-Antitrypsin, Calprotectin, Beta-Defensin 2, Zonulin, biliary acids, Pancreatic elastase unclear intestinal disorder, inflammation, digestive disorders	
<input type="checkbox"/> SPZ	<b>Lab4gut NGS - Brain</b> NEU 6569 (ST,NGS, 2.MU) Quantitative molecular bacterial analysis using Next Generation Sequencing: Lab4gut NGS + Irritable Bowel Profile: TRP, Serotonin, GABA, Histamine in Stool Intestinal and neurogenic disorders, Irritable Bowel > Optional: Neurotransmitter II (Serotonin, GABA, Dopamin, Adrenalin, Glutamate) in 2nd morning urine, Special Kit, see Order Form Saliva/Urine (Form 2)	
<input type="checkbox"/> ST	<b>Lab4gut Parasites (PCR)</b> 6533 Blastocystis hominis, Dientamoeba fragilis, Entamoeba histolytica, Entamoeba dispar, Giardia lamblia, Cryptosporidium	
<input type="checkbox"/> ST	<b>Mycological Intestinal flora to NGS</b> 12224 Candida spp., Geotrichum candidum, moulds (semi-quantitative)	
MICROBIOLOGICAL STOOL TESTS		€
<input type="checkbox"/> ST	<b>Intestinal Ecogramm</b> 4101 Semi quantitative microbiological analysis of the key intestinal flora, fungi, Clostridia, Enterobacteriaceae, Lactobacilli, Bifidobacteria etc. acute intestinal disorders, intestinal cleansing	
<input type="checkbox"/> ST	<b>Digestive Disorders</b> 2522 Semiquantitative evidence of digestive remains (starch, fat, protein)	
<input type="checkbox"/> ST	<b>Enteritis Agents</b> 10064 Salmonella, Shigella, Yersinia, Campylobacter etc.	
<input type="checkbox"/> ST	<b>Helicobacter pylori Ag</b> 10053	
<input type="checkbox"/> ST	<b>Clostridium difficile Toxin</b> 10030	
<input type="checkbox"/> ST	<b>Viral Enteritis Agents</b> 10018 Rotavirus (EIA), Adenovirus (EIA), Norovirus (EIA)	
<input type="checkbox"/> ST	<b>Rotavirus (EIA)</b> 10035	
<input type="checkbox"/> ST	<b>Adenovirus (EIA)</b> 10036	
<input type="checkbox"/> ST	<b>Norovirus (EIA)</b> 10038	
<input type="checkbox"/> ST	4697 Cand. spp, moulds, yeasts, Candida albicans	
<input type="checkbox"/> ST	<b>Parasites/Worms (Direct testing)</b> 10031 Mikroskopy, Antigen determination (Giardia lamblia, Entamoeba histolytica )	
MUCOSAL BARRIER / IMMUNITY		€
BAKTERIAL METABOLISM		
<input type="checkbox"/> ST	<b>Short chained fatty acids (SCFA)</b> 6620	
DETOXIFICATION/LPS		
<input type="checkbox"/> ST	<b>IAP Intest. Alkal. Phosphatase</b> 839 Dysbiosis caused by LPS positive Bacteria	
MUCOSAL IMMUNITY		
<input type="checkbox"/> ST	<b>Secretory IgA</b> 1618 Protective barrier against pathogens, Inflammation, mucosal competence, coeliac	
INFLAMMATION		
<input type="checkbox"/> ST	<b>Calprotectin (Granulocyte protein)</b> 2241 Inflammatory marker by chronic inflammatory intestinal disorders, invasive mucosal inflammation	
<input type="checkbox"/> ST	<b><math>\alpha</math>-1-Antitrypsin</b> 10068 First Line Marker for intestinale inflammatory activity & thereby increased intestinal permeability	
<input type="checkbox"/> ST	<b>Beta-Defensin 2</b> 3520 Marker for chronic inflammatory intestinal disorders, local inflammation of intest. mucosa, Leaky Gut	
<input type="checkbox"/> ST	<b>EDN/EPX</b> 6688 Inflammation by allergic diatheses (Eosinophil activation)	
PERMEABILITY		
<input type="checkbox"/> ST	<b>Zonulin</b> 3510 Regulator protein between blood stream & intestinal lumen	
<input type="checkbox"/> ST	<b>Leaky Gut</b> 10068, 3510 $\alpha$ -1-Antitrypsin, Zonulin	
MALDIGESTION		
<input type="checkbox"/> ST	<b>Pancreatic Elastase</b> 10048 Digestive enzyme from the pancreas, unclear diarrhoea, constipation, fatty stool, flatulence	
<input type="checkbox"/> ST	<b>Biliary acids</b> 3748 Biliary acid deficiency by bacterial overgrowth, Biliary loss syndrome	
FOOD INTOLERANCES		
<input type="checkbox"/> STH	<b>Histamine</b> 3177	
<input type="checkbox"/> ST	<b>EDN/EPX</b> 6688 Inflammation by allergic diathesis (Eosinophil activation)	
<input type="checkbox"/> ST	<b>Anti-Gliadin-sIgA</b> 6697 Evidence of Ab reaction to Gliadin in stool in coeliac	
<input type="checkbox"/> ST	<b>Anti-Transglutaminase-sIgA</b> 6698	
IRRITABLE BOWEL		NEU €
<input type="checkbox"/> STR	<b>Irritable Bowel / Stool</b> NEU 10200 Tryptophan, Serotonin, GABA, Histamine	
INDIVIDUAL PARAMETERS NEU		
<input type="checkbox"/> STR	<b>Tryptophan</b> 10202	43,73
<input type="checkbox"/> STR	<b>Serotonin</b> 10203	43,73
<input type="checkbox"/> STR	<b>GABA</b> 10201	43,73
<input type="checkbox"/> STR	<b>Histamine</b> 3177	43,73
PREVENTION €		
INTEST. CANCER EARLY DIAGNOSIS		
<input type="checkbox"/> ST	<b>Haemoglobin/Haptoglobin</b> 4686 sensitive Marker for occult blood in stool	
<input type="checkbox"/> ST	<b>M2PK</b> 4695	
GUT ASSOCIATED BLOOD TESTS		
These tests can also be found on the main request form (Bogen1): To order these additional blood tests, a separate request form is required!		
PERMEABILITY DISORDERS		
<b>Leaky Gut/Bacterial Translocation</b> LBP, TNF $\alpha$ , IL10, F-Aktin-Ak IgA, I-FABP LBP (LPS-binding Protein) Mucosal dysfunction - Antigen-Translocation through the intestinal mucosa I-FABP (intestinal fatty acid binding protein) Damage to the intestinal epithelia GP2-Ak Marker for mucosal inflammation in the small intestine Anti-F-Aktin IgA (Aktivity marker) Mucosa associated diseases, coeliac		
FOOD ALLERGIES		
<b>Histamine</b> Diaminoxidase Marker for Histamine intolerance VictuAlis - VictuScreen IgG <sub>3</sub> IgG mediated reactions to foods with chronic symptoms VictuAlis - VictuScreen IgG <sub>4</sub> Coeliac (Serum) Transglutaminase2, Gliadin-Ab, total IgA NCGS (Non Coeliac Gluten Sensitivity)		
2. MU	1 urine tube with 2nd morning urine (small white tube with stabiliser bead)	
NGS	NGS Special tube	
SPZ	Please request special kit	
STH	Please request special histamine kit	
ST	Stool tube	
j,A	Dependant on time required to perform test	

### CONSENT TO COLLECTION/TRANSFER OF MY PATIENT DATA (Status 01/2023\_V5)

I have been informed and agree that the MVZ Labor Bavariahaus and its operating company Lab4more GmbH may collect, process and use personal data, in particular name, address, date of birth, treatment data, invoice amounts, cost units, diagnoses and findings from the treatment in compliance with the EU General Data Protection Regulation, the Federal Data Protection Act, Section 203 of the German Criminal Code and Section 73 (1b) of the German Social Code for the purpose of fulfilling the contract. For the examination of special analyses, the MVZ Labor Bavariahaus and its operating company Lab4more GmbH may transmit my patient data (first and last name, date of birth, address, order number) and medical samples to affiliated and external laboratories. Externally is mainly the laboratory Dr. Spranger, Lindberghstr. 9-13, 85051 Ingolstadt commissioned. In rare cases, laboratory services are sent to other special laboratories for analysis. Frequently used special laboratories are: Laboratory Munich Centre, Bayerstr. 53, 80335 Munich; Practice Prof. Dr. med. Michael Kramer, Mönchhofstr. 52, 69120 Heidelberg.

Billing for the laboratory tests carried out is done via the respective above-mentioned service provider. For the aforementioned laboratories, dgpar GmbH, Mainzer Straße 97, 65189 Wiesbaden, is the commissioned billing office, which receives the treatment data essential for billing (first name, surname, date of birth, address, diagnosis, service numbers for the examinations), also insofar as these are "special types of personal data" as defined in Art. 9 Para. 1 of the EU General Data Protection Regulation. In addition, existing fee claims arising from my medical treatment may be passed on to the collection company Eurincasso GmbH, Mainzer Straße 97, 65189 Wiesbaden (name, address, date of birth, service numbers, invoice amount, treatment documents, laboratory invoices and results, etc.). Should it be necessary to forward findings and examinations of this order to the debt collection company Eurincasso GmbH, I release my doctor/therapist from his medical confidentiality obligation in this respect. All employees of Eurincasso GmbH, but also of dgpar GmbH, are subject to the rules of data protection law and are bound to secrecy under threat of punishment according to § 203 StGB. I am aware that I can revoke this declaration of release from the duty of confidentiality at any time with effect for the future.

I have been informed that:

- the collection, processing and use of my data is voluntary and that I can refuse my consent or revoke it at any time with effect for the future with the consequence that the treatment contract is not concluded.
- in the event of a revocation, this must be sent in writing to MVZ Labor Bavariahaus, c/o Lab4more GmbH, Augustenstraße 10, 80333 Munich or by e-mail to geschaeftsfuehrung@lab4more.de.
- I am entitled to request information about my stored personal data at any time.
- I am entitled to request the correction, deletion or blocking of individual data at any time.

I have viewed the information on data protection in accordance with Art. 13 DSGVO on the website www.lab4more.de/datenschutz or I have received a printed copy on request at info@lab4more.de. With my signature on the laboratory order, I agree exclusively to the collection, processing and forwarding of my data for the above-mentioned purposes.