

# Lab4gut - Intestinal Health

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Lab4more

Barcode- Labor

Bogen 6

## PATIENT CONSENT

I have read, understood and accept the declaration on page 2 (Stand 06/2021\_V4)

I hereby give my consent to the examinations that have been requested, as well as to the preparation of a special report of these laboratory values (without additional costs) by Lab4more GmbH.

The liquidation for these services will be based on the Gebührenordnung für Ärzte (GOÄ) plus a charge for materials and shipping costs in accordance with § 10 GOÄ.

I have been informed that my health insurance provider may not completely cover the cost of all the tests requested and that I am liable for the payment of the entire cost of such tests.

Date: \_\_\_\_\_ Patient's Signature: \_\_\_\_\_  
Tel.No. Patient: \_\_\_\_\_

- First Visit (181)
- Control (182)
- No Interpretation (183)

### Sex

- Male
- Female
- Other
- Pregnancy

~~Collection date~~ .....  
Time .....  
Medication (184) .....

### Information for BMI

Height (cm) ..... (10171)  
Weight (kg) ..... (10172)

### Information: Waist:Hip-Ratio (10174)

Waist (cm) ..... (10178)  
Hips (cm) .....(10179)

Name, Christian name  
Address

D.o.B.

Pat.Nr (LABOR)

Marital Status

Date

### PRACTICE STAMP

### INVOICE TO

- Private patient (64)
- Not insured (50)
- Alternatively to
- Practice (70)

Diagnosis/Important Information

Additional Test requests

## Which medications/preparations are you taking at the moment or regularly?

### MEDICATIONS

Antibiotics, which? .....

### FOOD SUPPLEMENTS

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

## PERSONAL INFORMATION

Please mark all relevant symptoms with the severity ① light/rarely ② middle/moderate ③ strong/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/Day .....
- ① ② ③ Flatulence
- Bloating feeling after eating
- Colic
- Stomach ache
- Loss of appetite
- Haemorrhoids
- Irritable Bowel
- Chronic inflammatory intestinal disease
- which? .....

### METABOLIC SYNDROME

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

### CARDIOVASCULAR

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

### DIABETES

- Diabetes Type I
- Diabetes Type II

### LIVER DISEASES

- Lipid metabolism disorder
- 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 SYSTEM

- ① ② ③ Arthritis
- ① ② ③ Arthrosis
- ① ② ③ Rheuma
- ① ② ③ Osteoporosis
- ① ② ③ other inflammatory disorder 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 .....

### TUMOR DISEASES

- Tumor diseases
- which? .....
- when? .....
- Treatment (currently, or in the last 4 - 6 Wo.)
- yes  no  planned
- which Treatment? .....

### OTHER DISORDERS

- THYROID
- Hyperthyroidism
- Hypothyroidism
- KIDNEYS/BLADDER
- Renal disorders
- which? .....
- ① ② ③ Incontinence
- OTHER DISORDERS

**MOL. BIOL. MICROBIOM ANALYSIS**

- ST **Lab4gut basis/semiquantitative** 6574  
Semi-quantitative 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,*
- SPZ **Lab4gut NGS** 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*
- mit Endotoxin Index
- SPZ **Lab4gut NGS advanced** 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*
- SPZ **Lab4gut NGS complete** 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  
*unexplained intestinal symptoms, Inflammation, digestive disorders*
- SPZ **Lab4gut - Brain** 6577  
(ST,NGS, 2.MU) Quantitative molecular bacterial analysis using Next Generation Sequencing:  
Lab4gut NGS + Neurotransmitter I  
*Intestinal & neurogenic disorders (fear, depressive moods)*
- SPZ **Lab4gut Parasites (PCR)** 6533  
Blastocystis hominis, Dientamoeba fragilis, Entamoeba histolytica, Entamoeba dispar, Giardia lamblia, Cryptosporidium.
- ST **Mycological Intest. flora to NGS** 12224  
Candida spp., Geotrichum candidum, Moulds (semi quantitative)

**MICROBIOLOGICAL STOOL TESTS**

- ST **Intestinal Ecogramm** 4101  
Semi quantitative microbiological analysis of the key intestinal flora, fungi, Clostridia, Enterobacteriaceae, Lactobacilli, Bifidobacteria etc.,  
*Digestive disorders, intestinal cleansing*

- ST **Digestive Disorders** 2522  
Semi-quantitative determination of digestive remains (starch, fat, protein)
- ST **Enteritis pathogens** 10064  
Salmonella, Shigella, Yersinia, Campylobacter etc.
- ST **Helicobacter pylori Ag** 10053
- ST **Clostridium difficile Toxin** 10030
- ST **Viral Enteritis Agents** 10018  
Rotavirus (EIA), Adenovirus (EIA)  
Norovirus (EIA)
- ST **Rotavirus (EIA)** 10035
- ST **Adenovirus (EIA)** 10036
- ST **Norovirus (EIA)** 10037
- ST **Fungi** 4697  
Cand. spp, moulds, yeasts, Candida albicans
- ST **Parasites/Worms (Direct testing)** 10031  
Microscopy, Antigen determination (Giardia lamblia, Entamoeba histolytica)

**MUCOSAL BARRIER / IMMUNITY**

- BACTERIAL METABOLISM**
- ST **Short chain fatty acids (SCFA)** 6620
- DETOXIFICATION LPS**
- ST **Intest. alkaline phosphatase** 839  
Dysbiosis caused by LPS positive bacteria
- MUCOSAL IMMUNITY**
- ST **Secretory IgA** 1618  
Protective barrier against pathogens, inflammation, mucosal competence, Coeliac
- INFLAMMATION**
- ST **Calprotectin (Granulocyte protein)** 2241  
Inflammation marker in chronic inflammatory intestinal diseases, invasive mucosal inflammation
- ST  **$\alpha$ -1-Antitrypsin** 10068  
First Line Marker for intestinal inflammatory activity and the related increased intestinal permeability
- ST **Beta-Defensin 2** 3520  
Marker for chronic inflammatory bowel disease, local inflammation of the intestinal mucosa, Leaky Gut
- ST **EDN** 6688  
Inflammation in allergic diathesis (eosinophil activation)
- PERMEABILITY**
- ST **Zonulin** 3510  
Regulator protein between blood stream & intestinal lumen
- ST **Leaky Gut** 10068,3510  
 $\alpha$ -1-Antitrypsin, Zonulin
- MALDIGESTION**
- ST **Pancreatic Elastase** 10048  
Digestive enzyme of the pancreas, *unclear diarrhoea, constipation, fatty stool, flatulence*

- ST **Biliary Acids** 3748  
Biliary acid deficiency in bacterial Overgrowth, Bile Loss Syndrome

**FOOD INTOLERANCES**

- STH **Histamine** 3177
- ST **EDN** 6688  
Inflammation in allergic diathesis (eosinophil activation)
- ST **Anti Gliadin slgA** 6697  
Evidence of antibody reaction to gliadin in stool in coeliac disease
- ST **anti-Transglutaminase slgA** 6698

**PREVENTION****INTEST. CANCER EARLY DIAGNOSIS**

- ST **Haemoglobin/Haptoglobin** 4686  
sensitive marker for blood in stool
- ST **M2PK** 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**

Leaky Gut/Bacterial Translocation  
LBP, TNF $\alpha$ , IL10, F-Aktin Ab IgA, I-FABP  
LBP (LPS-binding Protein)

Mucosal dysfunction antigen -  
Translocation through the intestinal mucosa  
Marker for intestinal permeability disorder  
I-FABP (intest. fatty acid binding protein)  
Damage of the intestinal epithelia  
GP2-AK

Marker for mucosal inflammation in the small intestine

Anti-F-Aktin IgA (Activity marker)

Mucosa associated diseases, coeliac

**FOOD ALLERGIES**

Histamine

Diaminooxidase

Marker for Histamine intolerance

VictuAlis - VictuScreen IgG<sub>3</sub>

IgG mediated reactions to foods in patients 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 2<sup>nd</sup> morning urine  
(small white tube with stabilisator pellet)

NGS = Special NGS Tube

SPZ = Request Special Testkit

STH = Request Special Histamine Testkit

ST = Stool tube

**CONSENT TO COLLECTION/TRANSFER OF MY PATIENT DATA (Status 06/2021\_V4)**

I have been informed and agree that the MVZ Labor Bavariahaus and its operating company Lab4more 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 Basic Data Protection Regulation, the Federal Data Protection Act, § 203 of the German Criminal Code and § 73 Para. 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 transmit my patient data (first and last name, date of birth, address, order number) and medical samples to affiliated and external laboratories. Externally mainly the laboratory Dr. Spranger, Lindberghstr. 9-13, 85051 Ingolstadt is 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.