

**Please fill in in block letters!**

**Patient details**

Man  Woman Date of Birth: .....

Name, Surname .....

Street and house number .....

Postal code and city .....

Country .....

Time of Sampling  Date of Sampling



... keeping the individual in mind

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**REQUEST FORM**

**A13-1 EN**

Barcode or Practice Stamp

PLEASE PRINT OR USE ADDRESS LABEL!  
DO NOT USE ANY PAPER CLIPS, STAPLES OR STICKERS !

**Attention: Samples requiring Express Shipment must arrive at the laboratory within 24 h.**  
Dispatch from Monday to Thursday. Please, do not ship samples on Fridays or before public holidays.

**Diagnostic Test Directory**

- I. Mitochondrial Medicine
- II. Allergies and Intolerances
- III. Neurological Stress and Endocrinology
- IV. Saliva Tests
- V. Immunology and Haematology
- VI. Infection Diagnostics
- VII. Clinical Chemistry
- VIII. Detoxification / Toxicology
- IX. Genetics

**For Individual Requests:**

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**I. Orthomolecular and Mitochondrial Medicine**

**Minerals and Trace Elements**

**Profiles**

- E110 **Whole Blood Mineral Analysis** Hep  
8 minerals and trace elements  
Sodium, potassium, calcium, magnesium, iron, zinc, copper, selenium
- E105 **Whole Blood Mineral Analysis Midi** Hep  
16 minerals and trace elements, including 12 essential and 4 toxic  
Sodium, potassium, calcium, magnesium, iron, zinc, copper, chromium, manganese, selenium, lead, cadmium, phosphorus, molybdenum, nickel, mercury
- E101 **Whole Blood Mineral Analysis Maxi** Hep  
24 minerals and trace elements, including 15 essential and 9 toxic  
Sodium, potassium, calcium, magnesium, molybdenum, iron, zinc, copper, selenium, chromium, manganese, phosphorus, boron, lead, cadmium, nickel, mercury, aluminum, arsenic, iodine, cobalt, vanadium, tin, thallium
- E115 **Intracellular Minerals** Hep  
Detects zinc, selenium, magnesium, manganese and potassium in washed red blood cells. Preferably carried out whenever cell count is reduced (anemia).

**Individual Parameters**

- E120 **Zinc in Whole Blood** Hep
  - E130 **Selenium in Whole Blood** Hep
  - E151 **Chromium in Whole Blood** S
  - E152 **Boron in Whole Blood** S
  - E160H **Iodine in Whole Blood NEW** Hep
  - E160 **Iodine in Urine** 2.MU
  - E162 **Iodine Stress Test** U24
- amount of urine collection/liter  dose/mg
- E190 **Hair Mineral Analyses** T913  
38 minerals/trace elements/  
toxic minerals/heavy metal index

**Security Parameters**

- E505 **Coeruloplasmin** Copper Transport Protein S
- D135 **Glucose-6-Phosphate-Dehydrogenase** EDTA

**Vitamins**

- E420 **Vitamin Profile** 2S, 2EDTA  
Vit. B6, B12, D3 (25-OH), folic acid, coenzyme Q10
- E430 **Vitamin A** S
- E440 **β-Carotene** S
- E451 **Vitamin B1** (Thiamine Pyrophosphate)\* EDTA
- E460 **Vitamin B2** (FAD)\* EDTA
- E470 **Vitamin B3** (Nicotinamide) S
- E485 **Vitamin B5** S
- E480 **Vitamin B6** (Pyridoxal-5-Phosphate)\* EDTA
- E490 **Folic Acid Storage Status** (Vitamin B9) EDTA
- E500 **Vitamin B12** S
- E510 **Holotranscobalamin** S
- E520 **Methylmalonic Acid** 2.MU
- E530 **Vitamin C** Hep
- E560 **Vitamin E** S
- E570 **Biotin** (Vitamin H) S
- E575 **Vitamin K1/K2** Sz
- E580 **Coenzyme Q10** S
- E590 **Coenzyme Q10 lipid corrected** S  
*\*only bioactive forms are routinely recorded*

**Bioactive Vitamins NEW**

- E451A **Vitamin B1** EDTA EXP
- E460A **Vitamin B2** Sz EXP
- E470A **Vitamin B3** (Niacin) Sz EXP
- E480A **Vitamin B6** Sz EXP
- E500A **Vitamin B12** Sz EXP
- E490A **Folic Acid** Sz EXP
- E570A **Biotin** Sz EXP

**Vitamin D Metabolism**

- E540 **25-OH-Vitamin D3** S
- E540F **Free 25-(OH)-Vitamin D NEW** Sz
- E550 **1,25-OH-Vitamin D3** Sz
- E552 **Vitamin-D-Ratio** Sz  
Vit. D3 1,25-OH + 25-OH + Ratio
- E554 **Interactions in Vitamin D Metabolism** Hep, Sz  
Ca (WB), Mg (WB), Zn (WB), PO4 (WB), Vit. K1/K2
- H540 **Vitamin D Genetics NEW** EDTA  
9 SNPs out of CYP2R1, CYP27B1, CYP24A1, VDR and VDBP
- F225 **Parathormone** Szg

**Oxidative Stress**

- E210 **Profile Oxidative Stress** S, U  
Antioxidative capacity, lipid peroxidation, 8-OH-desoxyguanosine
- E220 **Profile Antioxidants** S, EDTA, Hep  
Glutathione peroxidase, superoxide dismutase, b-carotene, vit. E, Se (WB), Zn (WB)
- E230 **Profile Glutathione Metabolism** CPDA/ACDB EXP  
(GSH and GSSG)
- E235 **Intracellular Glutathione NEW** 2Hep EXP
- E240 **Lipid Peroxidation** S
- E250 **Antioxidant Capacity** S
- E255 **Thiol Status** S
- E260 **8-Hydroxydesoxyguanosin** U
- E290 **Glutathione Peroxidase** EDTA
- E301 **Superoxide Dismutase Mn** S
- E305 **Ox. LDL** (oxidative modification of LDL) S

**Nitrosative Stress and Mitochondria**

**Mitochondria**

- E328 **BHI - Bioenergetic Health Index NEW** CPDA/ACDB EXP  
Multiparameter analysis for the assessment of mitochondrial performance, e.g. in patients with mitochondrial dysfunction or as monitoring during therapy
- E335 **Complementary Biomarkers to clarify causative factors NEW** CPDA/ACDB EXP  
PGC-1α, Nrf2, rhodanese
- E336 **mt/n DNA** CPDA/ACDB EXP  
Determines the number of mitochondria per cell
- E337 **PGC-1α** (Mitochondrial Biogenesis) CPDA/ACDB EXP  
Marker for mitochondrial biogenesis
- E338 **Nrf2** CPDA/ACDB EXP  
Mitochondrial resistance against ROS (oxidative stress)
- E339 **Rhodanese** CPDA/ACDB EXP
- E330 **Mitochondrial Activity** CPDA/ACDB EXP  
Evaluation of membrane potential
- E332R **Mitochondrial O<sub>2</sub>-Radical Formation** EDTA EXP  
Assessment of the endogenous neutralization capacity after formation of oxygen radicals



## Nitrosative Stress

- E320 **Profile Nitrosative Stress + Mitochondria** S, EDTA, CPDA/ACDB EXP  
Mitochondrial activity, nitrotyrosine, coenzyme Q10, vit. B12, LDH isoenzyme
- E325 **Profile Nitrosative Stress** 2.MU  
Nitrophenylacetic acid, methylmalonic acid, citrulline
- E340 **Nitrotyrosine** EDTA EXP
- E400 **Nitrophenylacetic Acid in Urine** 2.MU
- E350 **Citrulline in Urine** 2.MU
- E360 **Protein S100** Sz EXP
- E370 **Protein S100 Stress Test** 2Sz EXP  
*For test instructions - please go to www.biovis.de*
- E380 **LDH and LDH-Isoenzymes** S
- E390N **Lactat / Pyruvat Ratio\*** CP EXP  
\*on empty stomach, at rest

## Organic Acids, Fatty Acids, Amino Acids

- E408 **Complete Profile Organic Acids** T908  
Contains 24 organic acids and provides information on mitochondrial energy production, vitamin metabolism, methylation capacity (folic acid requirement), oxidative stress, amino acid metabolism, etc.
- E425 **Organic Acids of the Citric Acid Cycle** T908  
Fumarate, citrate, malate,  $\alpha$ -ketoglutarate
- E435 **Vitamin Metabolism Marker** T908  
Methylmalonic acid, cystathionine, fumarate, isocitrate, citrate,  $\alpha$ -ketoglutarate
- E610 **Amino Acid Status NEW** EDTA-PI. EXP  
30 amino acids
- E640 **Fatty Acid Status in Whole Blood** EDTA  
Complete overview of the distribution of fatty acids
- E644 **Fatty Acid Status of Erythrocyte Membranes** EDTA  
Quantifies only fatty acids in erythrocyte membranes, not in serum, nor plasma
- E650 **Fatty Acid Status in Serum** S  
Saturated/unsaturated fatty acids,  $\omega$ 3/ $\omega$ 6-FS  
Allows conclusions to be drawn concerning nutrition-dependent fatty acid supply, short-term influences are possible
- E630 **L-Carnitine free/in total** S

## Special Tests

- L110 **Sander-Test** T904
- L120 **Kryptopyrrole** T903

## Additional Profiles

- E670 **Basic Profile + OM** 2Sz EDTA, Hep, NaF  
Complete blood count, CRP, neopterin, ECP, creatinine, urea, yGT, GPT, K + Na + Ca (S), K + Mg + Zn (WB), transferrin saturation, extracellular K, blood sugar, cholesterol, HDL, LDL, TGL, uric acid, TSH, LDH + LDH isoenzymes, antioxidant capacity
- E660 **Hair Loss Profile** S, EDTA, Hep  
Small blood count, vit. B12, folic acid, biotin, zinc in whole blood, transferrin saturation, TSH
- E690 **Profile for Vegetarians and Vegans NEW** 2S, Hep  
Ferritin, zinc in whole blood, vit. B12, vit. D3 (25OH), total protein (S), L-carnitine

## Alzheimer's Disease Profiles

- PP3ALZ **Alzheimer's Basic Profile** S, 2EDTA, Hep, NaF   
ApoE, whole blood mineral analyses, blood sugar, HbA1c, vit. D3 (25OH)
- Can be complemented by the following profiles:  
A712A microbiome mini + A750 maldigestion, malabsorption, MIS - please see request form A13 Gastrointestinal, Microbiology*
- PP4ALZ **Addition to Alzheimer's I; complete**  
Fatty acid status in serum, oxLDL, S, Hep, T925, TBio1 TSH, fT3, fT4, extended whole blood mineral analysis, heavy metals after chelate, day profile of salivary cortisol
- PP5ALZ **Addition to Alzheimer's II complete** 2S, 2EDTA, Hep  
Whole blood mineral analysis maxi, vitamin profile, LpPLA2

## Metabolic Screen Program

Please see separate request form

## Blood Spot Tests

Please see separate request form MIU

## II. Allergies and Intolerances

### Antibody Mediated Food Intolerances

#### Pre-screens for orientation

- C043 **Pre-Screen A** S  
Screening for food intolerance reactions, detects food allergies by IgE-AB, IgG4-mediated intolerances and all pollen associated food allergies
- C044 **Pre-Screen B** S  
Includes pre-screen A + DAO
- C043A **Pre-Screen IgG 1-3/IgG4** S  
Detects and differentiates IgG1-3 and IgG4-mediated food intolerances
- C043B **Pre-Screen Combination NEW** S  
Includes Pre-Screen A + Pre-Screen IgG1-3/IgG4
- Recommendation:**  
*Depending on the reaction strength in the pre-screens, follow up tests are recommended:*  
- EAST-class 3: e.G. C046  
- EASTclass 4-6: e.G. C242 oder C433

#### IgE Nutritional Allergies

- C045 **IgE Food Screen** S  
Covers the 55 most important food allergens (46 individual allergens + 2 allergen pools)
- C759P /C759S **IgG4-IgE Combined Screen** S  
Includes the most common food allergies (22 individual allergens + 2 allergen pools)

#### IgG4 Food Intolerances

- C046 **IgG4+ Food Screen** S  
Covers the 69 most important food allergens (40 individual allergens + 8 allergen pools)
- C242 **IgG4+ Compact Screen** S  
96 individual allergens, with result explanation, therapy recommendations and various ideas for recipes
- C433 **IgG4+ Omniscreen** 2S  
216 individual allergens, with result explanation, therapy recommendations and various ideas for recipes

#### IgG1-3 Food Intolerances

- C046A **IgG 1-3 Food Screen** S  
Covers the 69 most important food allergens (40 individual allergens + 8 allergen pools)
- C242A **IgG 1-3 Compact Screen** S  
96 individual allergens, with result explanation and therapy recommendations
- C433A **IgG 1-3 Omniscreen** 2S  
216 individual allergens, with result explanation and therapy recommendations

### Pseudo-allergic Reactions (CAST)

- C560 **Pseudoallergy Screening Profile** 2EDTA EXP  
(3 Pools) 15 Food Coloring and Food Additives
- Food coloring**
- Pool 1:** Quinoline yellow, yellow-orange, azorubine, amarant, cochineal red A
- Pool 2:** Erythrosine, patent blue, indigo carmine, brilliant black
- Food additives**
- Pool 3:** K-Metabisulfite, Na-Benzozate, Na-Nitrite, Na-Salicylate, tartrazine, glutamate
- Single testings of:**
- C570 **substances from Pool 1** 2EDTA EXP
- C580 **substances from Pool 2** 2EDTA EXP
- C590 **substances from Pool 3** 2EDTA EXP
- Note:** *For individual requests please use the individual request field on page 1.*

### Type IV Food Allergies (LTT)

- C650 **Determination of T-cell mediated Allergies to 20 Staple Foods** 3CPDA/ACDB EXP
- Pool 1:** Milk, hen's egg, wheat, rice
- Pool 2:** Peach, apple, orange, hazelnut, peanut
- Pool 3:** Tomato, soya, carrot, celery, potato
- Pool 4:** Cod, chicken, turkey, beef, pork
- Further diagnostics in case of reactions to tested pools:
- Single testings of:**
- C660 **substances from Pool 1** 3CPDA/ACDB EXP
- C670 **substances from Pool 2** 3CPDA/ACDB EXP
- C680 **substances from Pool 3** 3CPDA/ACDB EXP
- C690 **substances from Pool 4** 3CPDA/ACDB EXP

### Histamine Intolerance

- C385 **Histamine Degradation Capacity** S
- C390 **Diaminoxidase (DAO)** S  
Determination of reactions to biogenic amines
- C395 **Co-Factors of DAO** EDTA, Hep  
Small blood count, vit. B6, Cu + Zn (WB)

- C410 **Methylhistamine in Urine** T908
- C415 **Histamine in Urine** T908  
*For additional diagnostic, please see request form A13 Gastrointestinal, Mikrobiologie*
- A410 **Histamine in Stool** T909
- A112 **Histamine Producing Bacteria** Fe

### Inhalative Allergies IgE

- C430 **Inhalation Screen 20 Allergens** S  
Includes the most important pollen, grasses, animal epithelia, mites and molds
- C440E **Early Bloomers (starting end of January)** S  
Alder, hazel, elm, GAX2: seasonal screen (timothy, mugwort, ribwort and glasswort)
- C450E **Central Bloomers (starting in May)** S  
Lolchgrass, mugwort, wheat, rye, Tx22: tree mix (birch, oak, elm, cedar, mesquite) x2: herb mix (tulip, geranium, primrose, hyacinth, blue)
- C460E **Late Bloomers (starting in September)** S  
Cocksfoot grass, meadow foxtail, ryegrass, Pax3: pollen + molds (Aspergillus fumigatus, Alternaria alternata, rye, wheat)
- C470E **Household Allergens** S  
Epithelia HAX1: house dust M11: Rhizopus nigricans, Mx12: molds Ex8: feather mixture

### Opioid Peptides from Milk and Grain

- C710 **Casomorphine and Gliadorphine** T912  
 $\beta$ -casomorphine 7, gliadorphine, casomorphine 1-3, casomorphine 1-4amide, exorphine A5, B5, C

### Gluten Intolerance

- B170 **Gliadin and Transglutaminase AB Serum TG2** S  
*Gliadin- and Transglutaminase-AB Stool TG2. Please see request form A13 Gastrointestinal, Microbiology*
- B180 **Anti-WGA IgG** wheat germ agglutinin S
- B190 **Genetic Disposition sprue / Celiac Disease: HLA-DQ2 / DQ8** EDTA

### Special Indications: Skin and CNS NEW

- B174 **Transglutaminase 3 Antibodies IgA** S  
Autoimmune diseases of the skin e.g. dermatitis herpetiformis Duhring
- B176 **Transglutaminase 6 Antibodies IgA and IgG** S  
Transglutaminase of the CNS e.g. in gluten ataxia

## III. Neurological Stress and Endocrinology

### Neurostress

- F500 **Neurotransmitter Basic** T908  
Adrenaline, noradrenaline, dopamine, serotonin
- F510 **Neurotransmitter Plus** T908  
Adrenaline, noradrenaline, dopamine, serotonin, glutamate, GABA
- F610 **NT-Tryptophan Metabolism NEW** T928  
Comprehensive analysis of the TRP metabolism: Serotonin production, kynurenine pathway with kynurenine, kynurenic acid, quinolinic acid, IDO and KMO activity. Additionally: Catecholamine determination: Dopamine, norepinephrine and adrenaline as well as clarification of the activation of the TH1 pathway via neopterin
- F620 **NT-Tryptophan Metabolism Plus NEW** T928  
Comprehensive analysis of the TRP metabolism: Serotonin production and kynurenine pathway, of the catecholamine metabolism: PHE, tyrosine, dopamine, norepinephrine and adrenaline, further neurotransmitters: GABA, glutamate as well as relevant cofactors, methyl group donors, parameters of NO stress and of mitochondria + Clarification of immune stimulation (neopterin, BH4) and risk of arteriosclerosis (TMAO)
- F630 **Methyl Group Donors NEW** T928  
SAM, SAH, betaine, choline
- F520 **Inhibitory Neurotransmitters** T908  
Serotonin, GABA
- F550 **Serotonin in Urine** T908
- F570 **Melatonin Sulfate in Urine** 1.MU  
Total nocturnal production

### Thyroid Gland

- F200 **Thyroid Gland Basic Profile** S  
TSH, fT3, fT4
- F210 **Thyroid Gland - Supplementary Profile** S  
TSH-receptor-AB, microsomal-AB
- F220 **TSH** S
- F224 **Reverse T3** S
- F230 **TPO** Microsomal Antibodies S
- F240 **TRAK** S
- F245 **TAK** S
- F248 **Calcitonin** Szg



Please, always complete when requesting hormone tests:

Date of Blood Sampling:  /  /

Last Menstruation:  /  /

#### Menstrual Cycle Phases:

- Follicle Phase  
 Luteal Phase  
 Ovulation Phase  
 Menopause  
 Post-Menopause

#### Overview Profiles **NEW**

#### Female

- F111 **Hormonal Status Female** S  
LH, FSH, Estradiol, progesterone, total testosterone, prolactin  
→ luteal phase
- F112 **Fertility profile** S  
AMH, FSH, total testosterone, DHEAS, prolactin  
→ day 2 - 5 of the menstrual cycle
- F113 **PCO** S  
LH, FSH, total testosterone, SHBG, free androgen index, DHEAS, androstendione  
→ day 2 - 5 of the menstrual cycle
- F114 **Menopause vs. Amenorrhea** S  
LH, FSH, progesterone, total testosterone, TSH, prolactin

#### Male

- F151 **Hypogonadism** S  
LH, FSH, total testosterone, SHBG, free androgen index
- F152 **Bioavailable Testosterone** S  
Total testosterone, SHBG, albumin

#### Male and Female

- F181 **Hormone-induced Hair Loss** S, Szg  
LH, FSH, estradiol, total testosterone, prolactin, DHEAS, parathormone
- F182 **Hormonal Age** S, 1.MU  
DHEAS, pregnenolone sulfate, melatonin sulfate, total testosterone

#### Hormon Profiles according to Rimkus

- RIM1 **Female:** Estradiol, progesterone S
- RIM1A **Female:** Estradiol, progesterone, FSH S
- RIM2 **Male:** Estradiol, progesterone S
- RIM2A **Male:** Estradiol, progesterone, testosterone S

#### Pituitary Control Hormones

- F260 **LH** S
- F270 **FSH** S
- F280 **Prolactin** S

#### Sex Hormones

- F315 **Pregnenolone Sulphate **NEW**** S
- F320 **Estradiol** S
- F330 **Oestron** S
- F340 **Progesterone** S
- F350 **Total Testosterone** S
- F360 **Free Testosterone** S
- F370 **SHBG** S
- F380 **Dihydrotestosterone** S
- F390 **Androstenedione** S
- F660 **Somatomedin C IgF1** S

#### Adrenal Hormones

- F440 **Cortisol in Serum** S
- F450 **DHEA-S in Serum** S

#### Metabolites

- F325 **Estrogen Metabolites** T927  
2-hydroxy-estrone, 2-methoxy-estrone, 16-hydroxy-estrone, 4-hydroxy-estrone, 4-methoxy-estrone  
**Methylation activity**  
based on estrogen metabolism

## IV. Saliva Tests

#### Profiles

- 0200 **Cortisol Diurnal Profile** TBio1  
Cortisol 8 am / 12 pm / 8 pm
- 0220 **Cortisol-DHEA-Diurnal Profile** TBio1  
Cortisol 8 am / 12 pm / 8 pm, DHEA 8 am / 8 pm
- 0360 **Melatonin** (nighttime saliva) T923
- 0380 **Nocturnal Saliva Profile Melatonin** T924  
10 pm / 12 am midnight / 2 am
- 0934 **Hormone Profile Male Saliva** T905  
Cortisol, DHEA, progesterone, testosterone, estradiol
- 0935 **Hormone Profile Female Saliva** T905  
Cortisol, DHEA, progesterone, testosterone, estradiol

#### Single Parameters

- 0310 **Cortisol** T905
- 0320 **DHEA** T905
- 0330 **Progesterone** T905
- 0340 **Estradiol** T905
- 0350 **Testosterone** T905
- 0355 **Estriol** T905
- 0360 **Melatonin** Night Saliva T923

## V. Immunology and Haematology

#### Blood Group Serology

- D131 **Blood Group + Rh + AB Screening Test** EDTA  
**Important:** label tubes with name and date of birth

#### Cellular Diagnostics

- D150 **Small Blood Count** EDTA
- D160 **Complete Blood Count** EDTA

#### Diagnostic Overview

- D180 **Cellular Immune Status** 2EDTA **EXP**  
Lymphocyte differentiation

#### Further Immune Cell Differentiation:

- D197 **Monitoring of Non Specific Immune Defense** 2EDTA **EXP**  
By Monocytes and Natural Killer Cells
- D187 **Monitoring of Immune Activation** 2EDTA **EXP**  
Differentiation of acute and chronic stress and activation states
- D200 **Regulatory T-cells** 2EDTA **EXP**  
Suppression of the cellular immune response, regulate self-tolerance of the immune system

#### For Micro-immunotherapy:

- D181 **MeGeMIT Immune Status** 2EDTA **EXP**  
Cathedral formed bar chart without interpretation
- D940 **MeGeMIT Serum Protein Profile **NEW**** 2S  
IgM, IgA, IgG, C3 Complement Component, α1-Antitrypsin, α1-Glycoprotein, Haptoglobin, CRP, Transferrin, Albumin, Prealbumin, without interpretation

#### Cellular and Humoral Profiles

- D110 **Complete Immune Profile 1** 2Sz **EXP**  
Ly-Diff., CRP, sIL2R, neopterin, IgG, IgA
- D120 **Complete Immune Profile 2** 2Sz **EXP**  
Ly-Diff., CRP, sIL2R, neopterin, ECP, RF, ANA, IgG, IgG subcl., IgA, IgM

#### Humoral Activity Parameters

- D240 **Humoral Immune Response Profile** Sz **EXP**  
CRP, sIL2R, neopterin
- D250 **CRP** S
- D260 **Soluble Interleukin-2 Receptor (sIL2R)** Sz
- D270 **Neopterin in Serum** S **EXP**  
Activation of the TH1 pathway, increase i.a. in viruses, intracellular bacteria, inflammatory diseases and tumors
- D275 **IP-10** S  
IFN-γ induced biomarker; Detection of T-cell induced immune activation
- D290 **Eosinophilic Cationic Peptide (ECP)** Sz  
Activation of the TH2 pathway, determination in atopic diseases

## Cytokine Diagnostics

#### Stimulated Cytokines:

- D845 **TH1/2/17 Cytokine Status** Hep **EXP**  
Examination of immune balance by interleukin analysis
- D850 **Proinflammatory Cytokine Status** Hep **EXP**  
Testing of a basic inflammatory situation (interleukin synthesis)

#### Unstimulated Cytokines **NEW**:

- D875 **Inflammation Profile** S, Hep **EXP**  
IL-1β, IL-6, IL-10, TNF-α, CRP

#### Inflammatory Cytokines

- D8301 **IL-1β** Hep **EXP**
- D8302 **IL-6** Hep **EXP**
- D8303 **IL-8** Hep **EXP**
- D8304 **TNF-α** Hep **EXP**

#### TH1 Cytokines:

- D8305 **IL-2** Hep **EXP**
- D8306 **IL-12** Hep **EXP**
- D8307 **IFN-γ** Hep **EXP**
- D8304 **TNF-α** Hep **EXP**

#### TH2 Cytokines:

- D8308 **IL-4** Hep **EXP**

#### TH17 Cytokines:

- D8309 **IL-17** Hep **EXP**

#### Immunoregulatory Cytokines:

- D8310 **IL-10** Hep **EXP**

#### Immunoglobulins

- D910 **IgA** S
- D920 **IgG total** S
- D930 **IgG Subclasses** S
- D950 **IgE** S
- D960 **Profile Immunoglobulins** S  
IgM, IgG, IgA, IgG Subclasses 1-4

#### Other Immunological Parameters

- D710 **Nagalase **NEW**** S  
Activity measurement of a-N-acetylgalactosaminidase

#### Inflammation Diagnostics **NEW**

- D865 **TNF-α-Inhibition Test** CPDA/ACDB **EXP**  
Evaluation of anti-inflammatory drugs to reduce inflammatory activity; Base value including prednisolone as reference value
- D8650 **Standard Panel** CPDA/ACDB **EXP**  
α-Lipoic Acid, Boswellia carterii (african incense), curcumin, procaine, resveratrol, vitamin C

#### Selection of further Inhibitors: (1x CPDA/ACDB **EXP**)

**Only selectable in combination with D865**

- D8651 **α-Lipoic acid**
- D8681 **Berberine**
- D8652 **Boswellia carterii** (African incense)
- D8653 **Boswellia serrata** (Indian incense)
- D8654 **Nettle extract**
- D8655 **Bromelain**
- D8656 **Coenzyme Q10**
- D8657 **Colostrum**
- D8658 **Curcumin**
- D8659 **Folic acid**
- D8660 **Glutamine**
- D8682 **Glutathione reduced**
- D8661 **L-Carnitine**
- D8662 **Lecithin**
- D8663 **N-Acetyl-Cysteine**
- D8664 **Milk Thistle**





- D8665 **Niacin**
- D8683 **Omega 3**
- D8666 **Pantothenic acid**
- D8667 **Procaine**
- D8684 **Propolis**
- D8668 **Quercetin**
- D8669 **Resveratrol**
- D8670 **S-Adenosylmethionine**
- D8671 **Selenium**
- D8672 **Silymarin**
- D8673 **Devil's Claw**
- D8674 **Tocopherol**
- D8685 **Vitamin B12**
- D8675 **Vitamin C**
- D8676 **Vitamin D**
- D8677 **Zinc**
- D8678 **TNF-α Individual Preparation 1**.....
- D8679 **TNF-α Individual Preparation 2**.....
- D8680 **TNF-α Individual Preparation 3**.....

**Note:** The selection of inhibitors is constantly being expanded. You will find an up-to-date list on our homepage..

### NK Cell Function Tests

- D500 **Basic Activity** 3CPDA/ACDB EXP  
Cytotoxic activity against virus-infected cells and tumor cells
- D510 **Tumor Killing Test Standard Panel** 5CPDA/ACDB EXP  
Cytotoxic activity against virus-infected cells and tumor cells, testing of immune modulators, incl. standard panel: selenium, vitamin C, liver spleen peptides, mistletoe, ASA

### Selection of further Immune Modulators

Only selectable in combination with D500 or D510

Please choose from the following preparations:

- D620 **Helixor M** CPDA/ACDB EXP
- D630 **Helixor P** CPDA/ACDB EXP
- D640 **Helixor A** CPDA/ACDB EXP
- D650 **Iscador M** CPDA/ACDB EXP
- D660 **Iscador P** CPDA/ACDB EXP
- D820 **Individual Preparation**:..... CPDA/ACDB EXP

### Rheumatological Diagnostics / Autoimmune Diseases

- D320 **Rheumatism Profile 1** S, EDTA  
Small blood count, CRP, sIL2R, ANA, RF, CCP-AB
- D340 **Reactive Arthritis** 2S  
Yersinia AB, Chlamydia trachomatis AB, Chlamydia pneumonia AB (per IgA + IgG)
- D350 **RF** S
- D360 **ANA** S
- D365 **ENA Profile** S  
SS-A, SS-B, Jo-1, SCL-70, U1RNP, ds-DNA, CENP-B
- D400 **CCP-AK** S
- D410 **c-ANCA** S
- D420 **p-ANCA** S

## VI. Infection Diagnostics

### Borrelia

#### Step 1: Serological Detection Methods

- K111 **Borrelia AB IgM and IgG qualitative** S  
(detection method)

#### Step 2: Confirmation methods

- K131 **Borrelia Immunoblots** S  
B. burgdorferi, B. spielmanii, B. afzelii - per IgG, IgM

#### Immunological detection methods

- K115 **Borrelia LTT** 3CPDA/ACDB EXP
- K120 **Borrelia ELISpot** 3CPDA/ACDB EXP  
Verification of specific T-Cells, usually detectable already 5-7 days after tick bite

- K121 **Borrelia Fluorescence ELISpot** 3CPDA/ACDB EXP  
Detects γ-IFN and IL-2 producing lymphocytes. Allows diff. between active and past infection.

- D220 **CD3-CD57+ NK-Cells** 2EDTA EXP

- K140 **Borrelia DNA inside the tick** tick

### Additional Tick-borne Diseases

- K180 **Ehrlichiosis AB** S

- K190 **TBE-AB** S  
IgM und IgG

- K200 **TBE-RNA** tick  
inside the tick

- K170 **Tick associated Coinfections** S  
Babesia microti, Babesia divergens, Ehrlichiose, Bartonella henselae, Bartonella quintana, Rickettsia rickettsii, Rickettsia typhi

- K141 **Tick-Screening PCR** tick  
Borrelia, Anaplasma, Rickettsia, Babesia, Bartonella

### Viral Diseases

#### Virus Prevention

- E705 **Antiviral Micronutrients** NEW S, Hep ♥️, T923  
Vit. C, Vit. D3 (25OH), Zn (VB), Se (VB), melatonin

- D890 **Immune Competence against Viruses** EXP  
TH1 ELISpot 3CPDA/ACDB

#### Serology

- K341G **SARS-CoV-2 Verification of Immunity** S  
IgG-AB

For further corona diagnostics, please see separate request form

- K220 **HHV 1/2 AB** Herpes simplex 1/2 IgM + IgG S

- K230 **VZV - AB** HHV-Type 3 IgM + IgG S

- K240 **CMV - AB** HHV-Type 5 IgM + IgG S

- K251 **EBV - AB** HHV-Type 4, per IgM + IgG, VCA p18 + p23, EBNA1, EA p54 + p138, Zebra S

- K260 **EBV - ELISpot** 3CPDA/ACDB EXP  
Infections latent/active

- K270 **HHV6 - AB** IgM + IgG S

- K280 **HHV7 - AB** IgM + IgG S

- K290 **HHV8 - AB** IgG S

- K300 **HIV1/2 AB** S

- K320 **Polio - AB** Type 1 + 3, IgG Vaccination titer S

- K330 **Rubella - AB** IgG Vaccination titer S

- K340 **Measles - AB** IgG Vaccination titer S

### Bacteria Serology

- K460 **TPHA** Lues Screening Test S

- K480 **Gonococci - AB** S

- K490 **Chlamydia pneumoniae - AB** IgA + IgG S

- K500 **Chlamydia trachomatis - AB** IgA + IgG S

- K505 **Chlamydia - ELISpot** 3CPDA/ACDB EXP

- K520 **Yersinia - AB** IgA + IgG S

- K540 **Tetanus AB** IgG Vaccination titer S

- K550 **Diphtheria - AB** IgG Vaccination titer S

- K560 **Pneumococci - AB** IgG Vaccination titer S

- K570 **Mykoplasma - AB** IgA, IgM, IgG S

- K580 **ASL** Antistreptolysin titer S

- K590 **Campylobakter jejuni KBR** IgG S

**Helicobacter pylori:** please see B220

### Fungi, Protozoa and Worms

- K620 **Candida - ELISpot** 3CPDA/ACDB EXP  
Detection of chronic Candida infestation despite inconspicuous cultural stool findings

- K630 **Candida - Serology** IgA, IgG, IgM S

- K635 **Candida - Serology** IgE S

- K800 **Echinokokcus granulosus - AB** S

- K810 **Echinokokcus multilocularis - AB** S

## VII. Clinical Chemistry

### Overview Profiles

- G110 **Small Basic Profile** S, EDTA, NaF  
Small blood count, hsCRP, blood sugar, Crea, gGT, GPT, amylase, Chol., HDL, LDL, TGL, UA

- G130 **Large Basic Profile** 2S, EDTA, NaF, U  
Small Basic Profile + AP, urea, HbA1c, albumin quant., TSH, ferritin, microalbumin in urine

### Liver and Pancreas

- G200 **Liver Basic Profile** S, EDTA  
small blood count, gGT, GPT, GOT, AP, cholinesterase, total bilirubin, LDH

- G210 **Hepatitis Serology Profile** S  
Anti-HAV IgM, Anti Hbc IgM, Hbs-Ag, HCV-AB

- G220 **HAV-AB** IgM + IgG S

- G230 **Hbc-AB** IgM S

- G240 **Hbs-AB** Hepatitis B Vaccination titer S

- G250 **Hbs-Ag** S

- G260 **HBV DNA** quantitative EDTA

- G270 **HCV-AB** EIA S

- G280 **HCV-RNA** quantitative EDTA

- G290 **HEV-AB** IgM + IgG S

- G300 **Liver Pancreas Screening** S  
γGT, GPT, amylase

- G305 **Bilirubin** S

- G315 **Albumin** quantitative S

### Kidney, Water and Electrolyte balance

- G320 **Kidney Profile** Sz, EDTA, NaF, 2.MU  
Small blood count, Crea, urea, Na (S), K (S), Ca (S), blood sugar, albumin quant.; microalbumin and NAG in urine

- G330 **Urea** S

- G335 **Creatinine** S

- G340 **Cystatin C** S

- G345 **Serum Electrolytes Small** Na, K, Ca Sz

- G350 **Serum Electrolytes Large** Sz  
Na, K, Ca, Mg, Cl, PO4

- G370 **Microalbumin in Urine** U

- G385 **Urostix** Mid Stream Urine

### Atherosclerosis risk, Metabolic syndrome

- G391 **Arteriosclerosis Risk Basic Profile** S  
TGL, Chol, HDL, LDL, lipid peroxidation, LpPLA2

- G392 **Arteriosclerosis Risiko Supplementary Profile** S, HCY  
hsCRP, homocysteine, lipoprotein a

- G430 **Lipoprotein A** S

- E245 **LpPLA2** S  
Vessel-specific inflammation marker

- G450 **hsCRP** S

- G460 **Homocysteine** HCY

- G510 **ADMA** S  
Asymmetric dimethylarginine

- D1230 **Fibrinogen** Citrat

- G400 **Diabetes Screening** blood sugar, HbA1c EDTA, NaF

- G410 **Intact Proinsulin** Ssz EXP

- G415 **HOMA-Index** Sz, NaF EXP  
Insulin, blood sugar, insulin resistance

- G420 **Fat Metabolism Screening** S  
Chol, HDL, LDL, TGL

- G515 **Lipoprint** LDL-Subclasses S

- G480 **Leptin** S

- G490 **Adiponectin** S

- G500 **Uric Acid** S

### Anemia

- D133 **Anemia Profile** S, EDTA  
Small blood count, LDH, transferrin saturation, ferritin, vit. B12, folic acid, haptoglobin

### Heart and Muscles

- G521 **Cardiac Basic Profile** S, EDTA EXP  
Small blood count, CK, CKMB, GOT, LDH, hsCRP

- G530 **Muscle Enzymes** CK, GOT, LDH S

- G550 **NT-pro-BNP** Cardiac Insufficiency S



**Bone Metabolism**

- G570 **Crosslinks** 1.MU
- G580 **Bone-specific AP** S

**Iron Balance**

- G620 **Transferrin Saturation** S  
Serum iron, transferrin
- G630 **Ferritin** S
- G612 **Iron Standard** S, EDTA  
Small blood count, Fe (S), transferrin, transferrin saturation
- G614 **Iron Store** S, EDTA  
G612 + hsCRP, soluble transferrin receptor, ferritin, iron index
- G616 **Iron Anemia** S, 2EDTA, Hep  
G612 + ferritin, Fe (WB), Cu (S), hsCRP, vit. B6, vit. B12, folic acid
- G618 **Iron Inflammation/Tumor** S, EDTA, Hep  
G612 + ferritin, Fe (WB), hsCRP, folic acid

**Tumour Marker**

- G661 **Prostate Screening** S  
PSA, fPSA, ratio
- G670 **Total PSA** S
- G681 **Female Profile 1** S  
CEA, SCC, CA19-9
- G690 **Female Profile 2** S  
TPA, Ca12-5, Ca15-3
- G701 **Male Profile 1** S  
CEA, Ca19-9, total PSA
- G710 **Male Profile 2** S  
Cyfra21-1, AFP, β-HCG, TPA
- G720 **LSA** S
- G730 **M2PK Blood** EDTA-Pl.

**VIII. Detoxification / Toxicology**

**Detoxification**

- I510 **Detoxification Profile NEW** S, 2EDTA, CPDA/ACDB EXR  
Total GST photometric, GPX, SOD2, GSH, GSSG

**Detoxification - Step-by-Step Concept**

**Step 1:**

- I451 **Total GST Activity** photometric. EDTA EXR
- H240 **Total GST Activity** genetic EDTA ⚡
- I460 **Caffeine Clearance** 2S  
1h and 5h after caffeine intake; up to 60 kg; 300 mg, above: 400 mg

**Please fill in:**

**Body weight (kg):**

**Step 2:**

- E135 **When GST Activity Is Reduced;** Hep  
**Micronutrients analysis:** Zn + Se (VB)
- E530 **When Caffeine Metabolism is disturbed:** Hep 🌿  
Vitamin C

**Step 3:**

- Detoxification Capacity** Genotypes
- H110 **CYP 1A1** EDTA ⚡
- H120 **CYP 1A2** EDTA ⚡
- H190 **GST M1, T1, P1** EDTA ⚡
- H260 **NAT2** EDTA ⚡

**Dentistry**

**Metals**

- D1060 **LTT Metals** 6CPDA/ACDB EXR  
Hg, Cu, Ag, Sn, ethyl mercury, Au, Ni, Pd, Cr, Co, Mo, Al, Pt, Cd
- D1090 **Titanium Alloys** 3CPDA/ACDB EXR  
Ti, V, Al, Ni

**Multielement Analysis Saliva (chewing gum tests)**

- I610 **Amalgam / Root Fillings** T931  
MEA (multielement analysis: Ag, Au, Bi, Cd, Co, Cu, Hg, In, Ir, Mo, Pb, Pd, Pt, Sn, Zn, Zr)
- I620 **Dental Crowns** T931  
MEA-Tox I (MEA + As, Ni, Ti)
- I630 **Prostheses and Implants** T931  
MEA-Tox I + Cr, Al
- I640 **Bisphenol A** T931

**Plastic Fillings**

- D1070 **LTT Plastics** 6CPDA/ACDB EXR  
TEGDMA, BISGMA, HEMA, MMA, DUDMA, EGDMA, buthandiol-1-4-methacrylate, hydroquinone, dimethyl-4-toluidine, benzoyl peroxide, formaldehyde, phthalates, camphorquinone

**Metals and Plastic Fillings**

- D1080 **LTT Combination Profile** Dental Check  
Au, Ni, Pd, Cr, Co, Pt, Hg, Cu, Ag, 6CPDA/ACDB EXR  
Sn, MMA, HEMA, TEGDMA, BISGMA

**Titanium Implant**

- D835 **Titanium Stimulation Test** CPDA/ACDB EXR  
Cytokine release (TNF-α, IL-1β) by macrophages after contact with titanium dioxide

**Root Canal Treatment**

- D836 **Thioether Mercaptans** 2Hep EXR  
Sensitization to thioether and mercaptans (IFN-γ + IL-10)

**Inflammation / FDOK / NICO**

- D1055 **Rantes** S
- H520 **Genetic Predisposition to Inflammation NEW** EDTA ⚡  
IL-1A, IL-1B, TNF-α, IL-1RN
- H510 **Periodontitis Risk** IL-1-Genes T910 ⚡  
Periodontitis marker germs (A. actinomycetemcomitans, Porphyromonas g., Prevotella l., Bacteroides f., Treponema d.)

**Systemic Heavy Metal Exposure**

- I927 **Safety Profile Chelate** 2Sz, NaF, Hep, EDTA  
Complete blood count, Crea, urea, Na + K + Ca (S), blood sugar, K + Mg + Cu + Zn (WB), gGT, GPT, transferrin saturation, CRP
- I113 **Heavy Metals Profile before and after Chelate 38 Elements** T925  
Ag, Al, As, Au, B, Ba, Be, Bi, Cd, Co, Cr, Cs, Cu, Fe, Ga, Gd, Ge, Hg, In, Ir, Li, Mn, Mo, Ni, Pb, Pd, Pt, Sb, Se, Sn, Sr, Ti, Tl, U, V, W, Zn, Zr, creatinine
- I114 **Heavy Metals Profile after Chelate 38 Elements** T925  
like I113
- I115 **Heavy Metals in Urine without Chelate 38 Elements** 2x 2.MU  
like I113
- I120 **Mercury in Urine before Chelate Administration** 2x 2.MU
- I130 **Mercury in Urine after Chelate Administration** T925
- I240 **Gadolinium in Urine before Chelate Administration** 2x 2.MU
- I245 **Gadolinium in Urine after Chelate Administration** T925

Chelation with: .....

**Solvents and Aromatics**

- I282 **Solvents Screening** qualitative SpezR, 4ml
- I290 **Phenol in Urine** Benzene exposure U#

**LTT Tests (specific Type IV reactions)**

- D1010 **LTT Environmental Toxins** 3CPDA/ACDB EXR  
Plasticizer, formaldehyde, phenol, permethrin, dichlorophenoxyacetic acid
- D1020 **LTT Molds** 3CPDA/ACDB EXR  
Aspergillus spez., Alternaria spez., Cladosporium spez.
- D1025 **LTT Solvents** 3CPDA/ACDB EXR  
Toluene, xylene, acetone, hexane, tetrachlorethene, dichloromethane

**Toxicology, other**

- I360 **Glyphosate** U
- I370 **Polychlorinated Biphenyls** S
- I380 **Pentachlorophenol** S
- I390 **Hexachlorocyclohexan Metabolites** SpezR
- I432 **Pesticide Screening** qualitative SpezR

**IX. Genetics**

*According to the Genetic Diagnosis Act, the declaration of consent on page 6 must be completed for all genetic tests.*

**Pharmaco-Genetics/Toxico-Genetics**

- H110 **CYP1A1** EDTA ⚡
- H120 **CYP1A2** EDTA ⚡
- H140 **CYP2C9** EDTA ⚡
- H150 **CYP2C19** EDTA ⚡
- H630 **CYP2D6** e.g. Tamoxifen, TCA, SSRI EDTA ⚡
- H170 **CYP2E1** EDTA ⚡
- H180 **CYP3A4** EDTA ⚡
- H190 **GST M1 / T1 / P1** EDTA ⚡
- H200 **GST M1** EDTA ⚡
- H210 **GST T1** EDTA ⚡
- H220 **GST P1** EDTA ⚡
- H230 **GST M3** EDTA ⚡
- H240 **GST - Total activity** EDTA ⚡
- H260 **NAT2** EDTA ⚡
- H300 **COMT** EDTA ⚡
- H310 **SOD2** EDTA ⚡

**Genetic Risk Factors**

**Neuro-stress**

- H530 **Depression-Genetic NEW** EDTA ⚡  
TPH2, 5HTT/SERT, 5HTR2a, COMT, MAO-A
- H545 **BDNF NEW** EDTA ⚡

**Oxidative / Nitrosative Stress**

- H560 **Genetic of Oxidative and Nitrosative Stress NEW** EDTA ⚡  
SOD2, MTHFR, NOS3, NQO1
- H565 **PON1 NEW** EDTA ⚡

**Cardiovascular**

- H350 **ApoE** EDTA ⚡
- H360 **ACE** EDTA ⚡

**Osteoporosis**

- H390 **Osteoporosis Risk Profile** EDTA ⚡  
Estrogen receptor, VDR3-, COL1 A1-polymorphism
- H400 **Vitamin D Receptor** VDR EDTA ⚡
- H410 **Estrogen Receptor** ER EDTA ⚡

**Thrombosis**

- H440 **Faktor-II-Mutation** Prothrombin Gene EDTA ⚡
- H450 **Faktor-V-Mutation** Leiden Mutation EDTA ⚡
- H460 **MTHFR** EDTA ⚡
- H480 **Thrombosis Risk Profile** EDTA ⚡  
Faktor V Leiden, prothrombin, MTHFR
- H485 **HLA-B27** EDTA ⚡

**Other Risk Factors**

- H500 **Hemochromatosis** HFE Gene EDTA ⚡

*Genetic Food Intolerances, please see request form A13 Gastrointestinal, Microbiology B100 et seqq.*

**Multi-genetic Analyses**

- H610 **Muta Chip Arteriosclerosis** EDTA ⚡  
Analysis of **12 genes** of cardiovascular diseases: Blood pressure, lipid balance, homocysteine metabolism and coagulation.
- H620 **Muta Chip Food-Intolerance** EDTA ⚡  
Analysis of **10 genes**: Alcohol, fructose, lactose, sucrose, glucose-6-phosphate dehydrogenase and celiac disease intolerance
- H640 **Muta CHIP Pharmacogenetics** EDTA ⚡  
Cyp1A1, Cyp1A2, Cyp2C9, Cyp2C19, Cyp3A4, CYP3A5, GST M1/T1/P1, NAT2, MDR
- H670 **Well Being** EDTA ⚡  
Analysis of **81 genes**: Detoxification, pharmacogenetics, cardiovascular risk, blood pressure, coagulation, anti-aging, and many more
- H660 **Detox Gene** EDTA ⚡  
Analysis of **17 genes**: Detoxification and pharmacogenetics

**Blood:** S = Serum; Sz = Serum - must be centrifuged (also in case of short shipping time); g = frozen; EDTA = EDTA-Whole-Blood; EDTA-Pl = EDTA-Plasma; HCY = Special Vial Homocysteine; Hep = Heparin Whole-Blood; NaF = Sodium Fluoride Whole-Blood; CPDA/ACDB = Citrate Transport Med.; Citrat = Citrate Blood 1:10; CP = Citrate Plasma; CpG = Frozen Citrate Plasma; **Urine diagnostics:** 1st MU = First Morning Urine; 2nd MU = Second Morning Urine; U24 = Urine collected over a period of 24 hours; - **Other Materials:** T = Special Test Set; EXR = Sample Pick-up or Express Shipment required; 🌿 = Light-Protected; ⚡ = Genetic Consent required - *Detailed Legend see last page.*



**Patient Data:**  
**Blood Pressure:**  |  mm Hg  
**Body Height:**  cm **Weight:**  kg

**Medication, Dosage, Taken since:**

**Complaint Pattern / Anamnesis:**

**Diagnoses**  
 Please mark known diseases or complaint patterns of the patient

- Digestive Tract**
- Colitis ulcerosa
  - Diabetes mellitus
  - Diverticulosis
  - Fructose malabsorption
  - Gastritis
  - Colon carcinoma
  - Crohn's disease
  - Food Intolerances
  - Constipation
  - Pancreas Insufficiency, exocrine
  - Irritable colon
  - Intestinal mycosis
  - Diarrhoea
  - Dyspepsia
  - Cholelithiasis
  - Haemorrhoids
  - Lactose Intolerance
  - Meteorism
  - Ulcus complaints
  - Celiac Disease
  - Stomatitis

- Respiratory Tract**
- Bronchial asthma
  - Rhinitis
  - Tonsillitis
  - Bronchitis
  - Sinusitis

- Skin/Hair**
- Acne
  - Furuncles
  - Psoriasis
  - Urticaria
  - Eczema
  - Loss of hair
  - Dry skin
  - Cellulitis

- Cardiovascular System**
- Angina pectoris
  - High blood-pressure
  - Lipid metabolic disorder
  - Arteriosclerosis
  - Cardiac insufficiency

- Urogenital Tract**
- Cystitis
  - Prostatic hypertrophy
  - Urinal Tract Infection
  - Vaginal mycosis

- Allergies**
- Food allergies
  - Neurodermatitis
  - Pollinosis

- Psyche/Nervous System**
- Depression
  - Anxiety
  - Hyperactivity (ADS)
  - Fatigue
  - Polyneuropathy
  - Headaches
  - Insomnia

- Hormonal Dysfunction**
- Menopause
  - Premenstrual complaints
  - Hypothyroidism
  - Hyperthyroidism

- Musculoskeletal System**
- Athrosis
  - Bechterew's disease
  - Osteoporosis
  - Rheumatoid arthritis

**Declaration of Consent for Genetic Analysis (Gene Diagnostics Law)**

<b>Patient</b>	Stamp Hosp. / Surgery
Name, First Name	
Date of Birth: <input type="text"/> / <input type="text"/> / <input type="text"/>	

My physician has informed me about the relevance and scope of the respective diagnostic tests, in particular about their purpose, nature, extent, significance and consequences. yes  no

I have given my consent to the collection of required sample material. yes  no

I was given sufficient time before agreeing to the above mentioned analysis and I have the right to revoke my Declaration of Consent in written form at any time. yes  no

I agree that the remaining sample material can be kept for later verification, additional requests by my physician or for scientific purposes (i.e. method development) until revoked. yes  no

The requested analysis can be forwarded to a specialized medical cooperation laboratory. yes  no

The test results might be saved for a longer time than the specified 10 years period. yes  no

  
 \_\_\_\_\_  
 Place and Date


  
 \_\_\_\_\_  
 Signature/Legal Representative

Patient Statement:

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

**Material Legend:**

- Blood**
- S = Serum
  - Sz = Serum - must be centrifuged (also in case of short shipping time)
  - Szg = Serum centrifuged frozen
  - EDTA = EDTA Whole-Blood
  - EDTA-Pl = EDTA-Plasma
  - HCY = Special Vial Homocysteine
  - Hep = Heparin Whole-Blood
  - NaF = Sodium Fluoride Whole-Blood
  - CPDA/ACDB = Citrate Transport Med.
  - Citrat = Citrate Blood 1:10
  - CP = Citrate Plasma
  - CPg = Frozen Citrate Plasma
  - SpezR = Special Vial

- Urine Diagnostics**
- U = Standard Urine, yellow UM\*
  - U grün = Midstream Urine, green UM\*
  - 1.MU = First Morning Urine, yellow UM\*
  - 2.MU = Second Morning Urine, yellow UM\*
  - U24 = Urine collected over a period of 24 hours, yellow UM\*
  - U# = Midstream Urine, in case of professional exposure after end of shift
- \*Urine Monovette

- Other Materials**
- Fe = Stool
  - Abstr. = Smear (Cotton swab)
  - T + Nr. = Special Test Set (depends on requirements)
  -  = Sample Pick-up or Express Shipment required
  -  = Light-Protected
  -  = Genetic Consent required

