



zoī LIFE

List of Biological Markers

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CONTENTS

- p. 2 **Oxidative stress profile**
 - Cardiovascular assessment**
 - Nutritional assessment**
 - Neurotransmitter assessment**
- p. 3 **Psychological evaluation of stress**
 - Hematology and immunology**
 - Vitamin panel**
 - Inflammatory workup and electrophoresis**
 - Tumor markers**
- p. 4 **Viral and Bacterial Workup**
 - Endocrinology Assessment**
 - Liver Analysis**
 - Renal and urological assessment**
- p. 5 **Hydromineral balance assessment**
 - Exhaled gas analysis**
 - Pollutant exposure evaluation**

OXIDATIVE STRESS PROFILE

Biology

- Total antioxidant capacity
- Measured antioxidant capacity
- Calculated antioxidant capacity
- Glutathione Peroxidase (GPX)
- Superoxide Dismutase (SOD)
- Coenzyme Q10
- Zinc
- Selenium
- Copper
- Copper : Zinc ratio
- Homocysteine
- Lipemia index
- Hemolysis index
- Anti-LDL oxidized IgG antibodies
- 8-OHdG (8-hydroxy-2' deoxyguanosine)
- 8-OHdG : Creatinine ratio

CARDIOVASCULAR ASSESSMENT

Biology

- NT-pro BNP (N-terminal pro-B-type natriuretic peptide)

NUTRITIONAL ASSESSMENT

Biology

- Fasting blood glucose
- Hemoglobin A1c (HbA1c)
- Insulin resistance (HOMA)
- QUICKI Index
- Estimation of average blood glucose
- Glycosuria
- Triglycerides
- Total cholesterol
- HDL cholesterol
- Triglycerides : HDL ratio
- LDL cholesterol
- Non-HDL cholesterol
- Atherogenic index
- Apolipoprotein A1
- Apolipoprotein B
- Apolipoprotein A1:B ratio
- Lipoprotein (a)
- Myristic acid
- Palmitic acid
- Stearic acid
- Palmitoleic acid
- Cis-vaccenic acid
- Oleic acid
- Eicosatrienoic acid
- Trans-vaccenic acid
- Trans-palmitoleic acid
- Rumenic acid
- Elaidic acid
- Conjugated linoleic acid 2 C18:2 (trans-10, cis-12)
- Conjugated linoleic acid 3 C18:2 (cis-9, trans-12)
- Linoleic acid
- Gamma-linolenic acid
- Dihomo-γ-linolenic acid
- Arachidonic acid
- Total Omega-6
- Alpha-linolenic acid
- Eicosapentaenoic acid
- Docosahexaenoic acid
- Total Omega-3
- Omega-3 Index
- Omega-6: Omega-3 ratio
- Arachidonic acid: Eicosapentaenoic acid ratio
- Linolenic acid: acid ratio

NEUROTRANSMITTER ASSESSMENT

Biology

- Dopamine
- 3,4-Dihydroxyphenylacetic acid (3,4 DOPAC)
- Homovanillic acid
- Methoxy-4-hydroxyphenylglycol (MHPG)
- Vanillylmandelic acid (VMA)
- Serotonin
- 5-Hydroxyindoleacetic acid (5-HIAA)
- Homovanillic acid : 5-hydroxyindoleacetic acid (HVA:5-HIAA) ratio
- Adrenaline
- Noradrenaline

PSYCHOLOGICAL EVALUATION OF STRESS

Biology

- Awakening cortisol
- Awakening cortisol + 30 min
- Awakening cortisol + 30 min : Cortisol Awakening Response (CAR) ratio
- 8pm cortisol
- 8pm DHEAs
- 8pm cortisol : 8pm DHEA ratio
- Awakening cortisol : 8pm cortisol ratio

HEMATOLOGY & IMMUNOLOGY

Biology

- Hemoglobin
- Hematocrit
- Erythrocytes
- Mean Corpuscular Volume (MCV)
- Mean Corpuscular Hemoglobin Concentration (MCHC)
- Leukocytes
- Neutrophils
- Lymphocytes
- Monocytes
- Eosinophils
- Basophils
- Platelets
- Mean Platelet Volume (MPV)
- Iron
- Total Iron Binding Capacity (TIBC)
- Saturation percentage
- Ferritin
- Transferrin
- Iron : Transferrin ratio
- Zinc

VITAMIN PANEL

Biology

- Vitamin A
- Vitamin B12
- Vitamin B9 (Folates)
- Vitamin D
- Vitamin E

INFLAMMATORY WORKUP & PROTEIN ELECTROPHORESIS

Biology

- Total proteins
- Albumin
- Alpha-1 globulins
- Alpha-2 globulins
- Beta globulins
- Gamma globulin
- High-sensitive C-reactive Protein (CRP)
- Soluble urokinase plasminogen activator receptor (suPAR)
- Hyaluronic acid

TUMOR MARKERS

Biology

- Carcinoembryonic Antigen (CEA)

VIRAL AND BACTERIAL WORKUP

Biology

- Epstein-Barr Virus (EBV)
- Cytomegalovirus (CMV)
- Herpes Simplex Virus (HSV)
- Hepatitis C Virus (HCV)
- Human Immunodeficiency Virus (HIV)
- Hepatitis B Virus (HBV)
- Chlamydia
- Human Papillomavirus (HPV)

ENDOCRINOLOGY ASSESSMENT

Biology

- TSH
- Free T4
- Free T3
- Urinary T3
- Iodine
- Pregnenolone
- DHEA sulfate
- Free testosterone
- Bioavailable testosterone
- % Free Testosterone
- SHBG
- FSH
- Insulin

LIVER ANALYSIS

Biology

- SGOT
- SGPT
- Alkaline phosphatases
- Gamma-GT
- Total bilirubin
- Direct bilirubin
- Indirect bilirubin

RENAL AND UROLOGICAL ASSESSMENTS

Biology

- Creatinine (blood)
- Creatinine (urine)
- Glomerular Filtration Rate (GFR)
- Cystatin C
- Uric acid
- PSA
- Free PSA
- Free PSA : Total PSA ratio
- Proteinuria
- Hematuria
- Leukocyturia
- Urine pH

HYDROMINERAL BALANCE ASSESSMENT

Biology

- Sodium
- Chlorures

EXHALED GAS ANALYSIS

Biology

- Dihydrogen (H_2)
- Hydrogen Sulfide (H_2S)
- Volatile Organic Compounds (VOCs)
- Nitric Oxide (NO)

POLLUTANT EXPOSURE EVALUATION

Biology

- Arsenic
- Nickel
- Mercury