**Coronary artery disease**

* Troponin-I
* Troponin-T
* C-reactive protein
* Blood pressure
* Total cholesterol
* Fibrinogen
* circular RNA
* Myoglobin
* Serum glutamate oxaloacetate transaminase (SGOT) activity
* D-dimer
* B-type natriuretic peptide
* Plasma levels of soluble tumor necrosis factor-α receptor-1 (sTNFR-1)
* Coronary flow reserve (CFR)
* Phosphodiesterase 9A, and Pentraxin3 (PTX3)
* ST2 (IL-1RL-1, Interleukin 1 receptor-like 1)
* Growth Differentiation Factor-15 (GDF-15)
* BSFA - fatty acid binding protein
* Creatine phosphokinase
* Lactate dehydrogenase
* Aminotransferase
* Triglyceride concentration
* Coronary calcium

**Alzheimer's disease**

* Aβ protein
* total tau (t-tau)
* phosphorylated tau (p-tau)
* isoprostane 8
* 12-iso-iPF2a-VI
* total free amino acids
* 8-hydroxy-2′-deoxyguanosine
* glycine and enzymatic activity of NaCl-stimulated PON1
* S100A9 protein
* Decreased glucose metabolism
* NFL in CSF
* Chromosome 21 (localized gene of amyloid precursor - APB);
* 14th chromosome (presenilin-1 gene - PSN-1);
* 1st chromosome (presenilin-2 gene - PSN-2).

**Stroke**

* platelet count
* brain natriuretic peptide (BNP)
* S100B, IL6
* linoleic acid
* D-dimer
* fibrinogen levels
* erythrocyte sedimentation rate
* Lp-PLA2
* C-reactive protein
* P-selectin
* fibrinogen
* troponin
* glutamate
* GFAP (glial fibrillar acid protein)
* NDKA (nucleoside diphosphate kinase)
* MMP-9

**Cancer of the trachea, bronchi, lungs**

* NSE - neuron-specific enolase
* CEA - cancer-embryonic antigen
* Cyfra 21-1 - cytokeratin 19 fragment
* hemogloyuin and erythrocyte levels
* sputum analysis

**Lower Respiratory Tract Infections**

* C-reactive protein
* procalcitonin
* leukocyte level
* neutrophil level
* he presence of specific antibodies
* the presence of certain cultures of bacteria

**Colon and rectal cancer**

* antigen CA 19-9
* antigen CA-50
* cancer-embryonic antigen
* erythrocyte level
* hyperplasia in the lymph nodes
* Cytokeratin antigens CK17 and CK18
* sialosil-Tn antigen

**Kidney disease**

* glomerular filtration rate
* cholesterol level
* blood creatinine level
* serum cystatin C
* the level of potassium in the blood
* the level of uric acid in the blood
* C-reactive protein level
* albumin
* NGAL - neutrophilic gelatinase-associated lipocalin
* IL-18 - interleukin-18
* Molecule-1 of kidney damage (KIM-1)

**Hypertensive heart disease**

* blood pressure
* cholesterol level
* uric acid
* fasting glucose
* albumin
* creatinine
* ankle-brachial index
* hemoglobin level
* thyroid-stimulating hormone
* thyroid hormone T4

**Diabetes**

* glucose level
* insulin
* cholesterol
* glycated hemoglobin
* insulin
* C-peptide
* levels of dihydroceramides (blood plasma)
* Islet cell autoantibodies (ICA), autoantibodies to glutamic acid decarboxylase (GADA), autoantibodies associated with insulinoma 2 (IA-2A), and autoantibodies to insulin (IAA).
* C-reactive protein
* natriuretic peptide
* vitamin D
* Uric acid
* oxidative age. Volatile organic compounds (VOCs) in exhaled air were analyzed using gas chromatography and mass spectroscopy. The collective VOC has been reduced to a single value, oxidative age, including the volume under the BMAC curve, corrected for chronological age.)

**Chronic obstructive pulmonary disease**

* exhaled air condensate
* induced sputum
* fibrinogen
* IL-6, IL-8
* C-reactive protein
* matrix metalloproteinase-8 (MMP-8), MMP-9
* surfactate protein D (SP-D)
* chemokine CCL-18
* cytokines

**Stomach cancer**

* tumor marker CA-19
* antigen CA 72-4
* cancer-embryonic antigen

**Intestinal infections**

* the presence of specific antibodies
* the presence of certain cultures of bacteria

**Tuberculosis**

* the level of erythrocytes
* the level of leukocytes
* the level of neutrophils
* hemoglobin
* cytokine level (IL-2, IL-4, TNF-a; LFN-y)
* C-reactive protein
* glucose level

**Cirrhosis of the liver**

* hyaluronic acid
* collagens IV and VI
* aminoterminal fragment of procollagen III (P3NP)
* matrix metalloproteinases
* IMP-1 - tissue inhibitor of metalloproteinase 1
* aminotransferases ALT and AST
* bilirubin
* creatinine
* platelets
* Alkaline Phosphatase
* Sorbitol dehydrogenase
* Albumin
* cholesterol
* iron level
* blood urea level

**Parkinson's disease**

* oligomeric and modified forms of alpha-synuclein
* the level of spontaneous apoptosis of peripheral blood lymphocytes
* genetic biomarkers
* imaging biomarkers
* the density of D1 and D2 dopamine receptors in lymphocytes
* ratio of xanthine to homovanillic acid
* C-reactive protein
* microrna level

**HIV/AIDS**

* specific antibodies
* the presence of leukoplakia
* T-lymphocyte counts

**Malaria**

* the presence of malarial plasmodium in the blood
* the level of erythrocytes
* presence of malaria antibodies
* bilirubin
* glucose
* urea
* creatinine
* albumen
* the level of leukocytes

**Liver cancer**

* Alpha-fetoprotein
* СА-199
* Prominin-1
* cytokeratin 7 and 19
* Aldehyde dehydrogenase (ALDH)
* CD-90
* CD-44
* CD-13
* Epithelial cell adhesion/activating molecule (EpCAM)
* Hepatic oval cells (OV-6)
* 1B50-1
* Sal-like protein 4 (SALL4)
* Intercellular adhesion molecule 1 (ICAM-1)

**Hepatitis B**

* antigen HBsAg
* antigen HBc
* antigen HBeAg
* antigen HBs
* presence of antibodies

**Meningitis**

* cytokines IL-1b
* cytokines IL-13
* cytokines TNF
* cytokines GM-CSF
* glucose level
* lactate level
* D-dimer
* specific antigens in body fluids