

NEUROLOGY

Neurotransmitters

Epinephrine
Norepinephrine
Dopamine
Serotonin
Glycine
Taurine
GABA

Glutamate
Aspartic Acid
PEA
Histamine
Tyramine
Tryptamine

Metabolites

DOPAC
5-HIAA

IMMUNOLOGY

Cytokines

- Serum analysis
- Function test (whole blood)

IL-1 β	IL-8	GM-CSF
IL-2	IL-10	IFN- γ
IL-4	IL-12	MCP-1
IL-5	IL-13	MIP-1 β
IL-6	IL-17	TGF- β
IL-7	G-CSF	TNF- α

Inflammation (serum)

HS-CRP
P-Selectin

Immune Evaluation

(whole blood & serum)

Apoptosis (whole blood only)
Glutathione (whole blood only)
Immunoglobulin (IgG, IgA, IgM) (serum only)
Lymphocyte subpopulation analysis (whole blood only)
Natural Killer cell activity (whole blood only)
Regulatory T cells (whole blood only)
T&B cell function (whole blood only)

Bacterial/Fungal

(serum, saliva, tissue, urine)

Borrelia burgdorferi IgG, IgM (serum only)
Bacterial Culture and Identification
Fungal Culture and Identification
Mycotoxins

Intestinal Barrier/Food Sensitivity (serum)

TOTAL 110 Food Sensitivity IgA, IgG
Intestinal Barrier Assessment 22 IgA, IgG
Comprehensive Food Sensitivity 88 IgA, IgG
Gliadin IgG, IgA
Transglutaminase IgG, IgA
Endomysial Antibody, IgA

Viral (serum)

Epstein-Barr Virus VCA, IgG, IgM
Cytomegalovirus IgG, IgM
Herpes Simplex Virus Type 1 & 2 IgG, IgM
Varicella Zoster Virus IgG
Measles IgG, IgM

ENDOCRINOLOGY

Serum only

Luteinizing Hormone (LH)
Follicle-Stimulating Hormone (FSH)
Prolactin
Sex Hormone-Binding Globulin (SHBG)
Free Triiodothyronine (fT3)
Free Thyroxine (fT4)
Thyroid Stimulating Hormone (TSH)
Thyroid Peroxidase (TPO) IgG
TOTAL cholesterol
HDL
LDL
Triglycerides
25-OH Vitamin D

Saliva only

Dihydrotestosterone (DHT)

Serum and Saliva

Testosterone
Estradiol
Estrone
Estrilol
Cortisol
DHEA
Progesterone
Melatonin



NEUROSCIENCE

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