

EXTENSION HEALTH

LAB TESTING MENU

CORE Longevity Panel.....\$300

Blood Test

- Vitamin D, 25-OH
- ANA IFA Panel
- CBC w/ differential and Platelets (all)
- Comprehensive Metabolic Panel
- Estradiol
- FSH
- DHEA-S
- LH
- Dihydrotestosterone
- Apo B
- Homocysteine
- Lp(a)
- Hemoglobin A1c
- Free T3
- Free T4
- TSH
- Anti-TPO
- Reverse T3
- Anti-TG
- Human IGF-1
- Cystatin C
- Ferritin
- hs-CRP
- Testo, Free [Incl. Total, Albumin, SHBG]
- Lipids
- Insulin

Heavy Metals Test.....\$350

Blood Test/Urine Test

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Bismuth
- Cadmium
- Cesium
- Gadolinium
- Lead
- Mercury
- Nickel
- Palladium
- Platinum
- Tellurium
- Thallium
- Thorium
- Tungsten
- Uranium
- Tin

Gut Zoomer.....\$600

At-Home Stool Test

- Gut Commensals
- Gut Pathogens
- Gut Inflammation & Metabolites

The Gut Zoomer assesses bacteria, yeast, viruses, and parasites in the gut microbiome, alongside relevant digestive and inflammatory markers, providing the most comprehensive digestive health test on the market. If you're experiencing any of the common symptoms of leaky gut, microbiome imbalance, GI disorders, or abnormal digestion, you may benefit from this panel. Ask our team for the complete list of key markers!

Autoimmune Zoomer.....\$450

Blood Test

A comprehensive panel designed to detect and monitor autoimmune conditions by measuring specific autoantibodies and antigens. Understand whether your chronic symptoms are linked to autoimmune diseases like multiple sclerosis, celiac disease, rheumatoid arthritis, or lupus. Ask our team for the complete list of key markers!

PFAS Chemical Test.....\$350

Urine Test

- 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propanoate (GenX/HPFO-DA)
- 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)
- Dodecafluoro-3H-4,8-dioxanoate (NaDONA)
- Perfluoro-1-[1,2,3,4-13C4] octanesulfonic acid (MPFOS)
- Perfluoro-1-heptane sulfonic acid (PFHpS)
- Perfluoro-[1,2-13C2] octanoic acid (M2PFOA)
- Perfluoro-n-[1,2-13C2] decanoic acid (MPFDA)
- Perfluoro-n-[1,2-13C2] hexanoic acid (MPFHxA)
- Perfluorobutanoic acid (PFBA)
- Perfluorodecanoic acid (PFDeA)
- Perfluorododecanoic acid (PFDoA)
- Perfluoroheptanoic acid (PFHpA)
- Perfluorohexane Sulfonic Acid (PFHxS)
- Perfluorohexanoic acid (PFHxA)
- Perfluorononanoic acid (PFNA)
- Perfluorooctane sulfonic acid (PFOS)
- Perfluorooctanoic acid (PFOA)
- Perfluoropentanoic acid (PFPeA)
- Perfluorotetradecanoic acid (PFTeDA)
- Perfluorotridecanoic acid (PFTrDA)
- Perfluoroundecanoic acid (PFUnA)

EXTENSION HEALTH

LAB TESTING MENU

Mycotoxins Test.....\$500

Urine Test

Aflatoxins

- Aflatoxin B1
- Aflatoxin B2
- Aflatoxin G1
- Aflatoxin G2
- Aflatoxin M1

Tricothecenes

- Deoxynivalenol
- Diacetoxyscirpenol
- Nivalenol
- Roridin A
- Roridin E
- Roridin L2
- Satratoxin G
- Satratoxin H
- T-2 Toxin
- Verrucaric Acid
- Verrucaric J

Other MYCOTOXINS TEST

- Chaetoglobosin A
- Citrinin
- Dihydrocitrinin
- Enniatin B1
- Fumonisin B1
- Fumonisin B2
- Fumonisin B3
- Gliotoxin
- Mycophenolic Acid
- Ochratoxin A
- Patulin
- Sterigmatocystin
- Zearalenone

Total Tox-Burden Bundle.....\$650

Blood/Urine Test

The Total Tox Burden Test measures mycotoxins, heavy metals, and a wide range of environmental chemicals, including pesticides, plastics, and industrial pollutants. This comprehensive analysis provides a clearer picture of toxin accumulation that may be affecting your health.

Tests included in this bundle: Heavy Metals, Mycotoxins, and Environmental Toxins.

Environmental Toxins\$400

Urine Test

Organochlorine pesticides

- 2,4-Dichlorophenoxyacetic Acid (2,4-D)
- Atrazine
- Atrazine mercapturate
- DDA
- Diethyl phosphate (DEP)
- Diethyl thiophosphate (DETP)
- Diethyldithiophosphate (DEDTP)
- Dimethyl phosphate (DMP)
- Dimethyl thiophosphate (DMTP)
- Dimethyldithiophosphate (DMDTP)
- Perchlorate

Alkylphenol

- 4-Nonylphenol
- Bisphenol A (BPA)
- Triclosan

Volatile Organic Compounds (VOCs)

- 2-Hydroxyisobutyric Acid(2HIB)
- 2-Methylhippuric Acid(2MHA)
- 3-Methylhippuric Acid(3MHA)
- 4-Methylhippuric Acid(4MHA)
- N-acetyl phenyl cysteine (NAP)
- Phenyl glyoxylic Acid(PGO)

Other pesticides/herbicides

- 3-Phenoxybenzoic Acid(3PBA)
- Glyphosate

Plasticizers/ Preservatives

- mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)
- mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)
- mono-2-ethylhexylphthalate (MEHP)
- Monoethyl Phthalate (MEP)

Parabens

- Butylparaben
- Ethyl paraben
- Methylparaben
- Propylparaben

Acrylic Metabolites

- N-Acetyl (2-Cyanoethyl) Cysteine (NACE)
- N-acetyl-S-(2-carbamoyl-ethyl)-cysteine (NAE)

Other Metabolites

- 2-HydroxyethylMercapturic Acid (HEMA)
- Diphenyl Phosphate
- N-Acetyl (2, Hydroxypropyl) Cysteine (NAHP)
- N-Acetyl (3,4-Dihydroxybutyl) Cysteine (NADB)
- N-Acetyl Propyl Cysteine (NAPR)
- Tiglylglycine (TG)

EXTENSION HEALTH

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Micronutrient Test\$550

Blood Test

Serum

- Arginine
- Asparagine
- Calcium
- Carnitine
- Choline
- Chromium
- Citrulline
- Copper
- CoQ10
- Cysteine
- Folate
- Glutamine
- Glutathione
- Inositol
- Iron
- Isoleucine
- Leucine
- Magnesium
- Manganese
- Methylmalonic acid (MMA)
- Potassium
- Selenium
- Serine
- Sodium
- Valine
- Vitamin A
- Vitamin B1
- Vitamin B12
- Vitamin B2
- Vitamin B3
- Vitamin B5
- Vitamin B6
- Vitamin C
- Vitamin D,25-OH
- Vitamin D3
- Vitamin E
- Vitamin K1
- Vitamin K2
- Zinc

White Blood Cell

- Asparagine
- Calcium
- Carnitine
- Choline
- Copper
- CoQ10
- Cysteine
- Glutamine
- Glutathione
- Inositol
- Manganese
- Selenium
- Vitamin A
- Vitamin B1
- Vitamin B2
- Vitamin B3
- Vitamin B5
- Vitamin B6
- Vitamin C
- Vitamin D,25-OH
- Vitamin D3
- Vitamin E
- Vitamin K1
- Vitamin K2
- Zinc

Red Blood Cell

- Folate
- Iron
- Magnesium
- Omega Fatty Acids

EXTENSION HEALTH

LAB TESTING MENU

Food Sensitivity Test.....\$250
Blood and Dried Blood Spot

Animal Based Foods

Dairy:

- Beta-Casein
- Casomorphin
- Cow's Milk
- Goat's Milk
- Whey Protein

Meat:

- Beef
- Chicken
- Egg White
- Egg Yolk
- Lamb
- Pork
- Turkey

Fish:

- Catfish
- Codfish
- Halibut
- Lake Trout
- Mackerel
- Perch
- Salmon
- Tuna

Shellfish & Mollusks:

- Crab
- Lobster
- Shrimp
- Clam
- Oyster
- Scallops

Plant Based Foods

Legumes:

- Kidney Bean
- Navy Bean
- Peanuts
- Soybean

Spices:

- Black Pepper
- Cinnamon
- Nutmeg

Nuts:

- Almond
- Black Walnut
- Cashews
- English Walnut
- Pecan

Seeds:

- Mustard
- Sesame

Nightshades:

- Green Pepper
- White Potato

Grains and Miscellaneous Foods

Gluten-Containing Grains:

- Barley
- Malt
- Oats
- Rye
- Wheat

Gluten-Free Grains/Starches:

- Amaranth
- Brown Rice
- Buckwheat
- Corn

Miscellaneous:

- Cocoa
- Coffee
- Hops
- Rosemary
- Vanilla Bean
- Yeast

Fruits:

- Apple
- Apricot
- Avocado
- Banana
- Blackberry
- Blueberry
- Cantaloupe
- Cherry
- Coconut
- Cranberry
- Grape
- Grapefruit
- Lemon
- Olive
- Orange
- Peach
- Pear
- Pineapple
- Raspberry
- Strawberry
- Tomato
- Watermelon

Vegetables:

- Broccoli
- Cabbage
- Carrot
- Cauliflower
- Celery
- Cucumber
- Garlic
- Green Bean
- Green Peas
- Lettuce
- Lima Bean
- Mushrooms
- Onion
- Seaweed (Kelp)
- Spinach
- Squash
- Ginger
- Sweet Potato

EXTENSION HEALTH

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Tickborne Disease Test.....\$650

Blood Test

Babesia Species:

- Babesia microti IRA
- Babesia microti p32
- Babesia microti p41
- Babesia microti WCS
- Babesia duncani

Bartonella Species:

- Bartonella henselae 17 kDa
- Bartonella henselae 26 kDa
- Bartonella henselae SucB
- Bartonella elizabethae
- Bartonella vinsonii
- Bartonella quintana

Anaplasma & Ehrlichia Species:

- Anaplasma phagocytophilum Msp5
- Anaplasma phagocytophilum Msp2 (p44)
- Anaplasma phagocytophilum OmpA
- Ehrlichia chaffeensis

Borrelia burgdorferi Antigens:

- VlsE1
- C6 Peptide
- p18 (DbpB)
- p23-25 (OspC)
- p28
- p30
- p31 (OspA)
- p34 (OspB)
- p39 (BmpA)
- p41
- p45
- p58
- p66
- p83-93
- Borrelia burgdorferi B31 WCS
- Borrelia burgdorferi 297 WCS

Other Borrelia Species:

- Borrelia mayonii
- Borrelia afzelii (BmpA, DbpA, OspA, OspC, p100)
- Borrelia garinii (DbpA, OspC)
- Borrelia bavariensis (DbpA, p58, VlsE1)
- Borrelia spielmanii (DbpA, OspC)
- Borrelia hermsii
- Borrelia turicatae
- Borrelia miyamotoi
- Borrelia andersonii
- Borrelia maritima
- Borrelia californiensis
- Borrelia bissetiae
- Borrelia lusitaniae
- Borrelia valaisiana
- Borrelia yangtzensis
- Borrelia turcica
- Borrelia lonestari

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EH Extended CORE Panel.....\$600

Blood Test

Anemia Markers:

- Ferritin
- Iron
- UIBC
- TIBC
- Transferrin
- Transferrin Saturation

Reticulocytes Panel:

- Reticulocyte Count
- Reticulocyte (%)
- IRF (Immature Reticulocyte Fraction)
- Retic-Hemoglobin

Glycemic Control & Insulin Sensitivity:

- Glucose (Diabetes)
- Hemoglobin A1c
- Glycated Serum Protein
- Adiponectin
- Ferritin
- Insulin

CBC w/ Differential & Platelets:

- WBC
- RBC
- Hemoglobin
- Hematocrit
- MCV
- MCH
- MCHC
- RDW-SD
- RDW-CV
- Platelet Count
- Neutrophils
- Lymphocytes
- Monocytes
- Eosinophils
- Basophils
- Immature Granulocytes
- Neutrophil Count
- Lymphocyte Count
- Monocyte Count
- Eosinophil Count
- Basophil Count
- Immature Granulocyte Count
- MPV
- Nucleated RBC Count
- Nucleated RBC %

Lipid Panel:

- Cholesterol (Total)
- LDL Calculation
- HDL Direct
- Cholesterol/HDL Ratio
- Triglycerides
- LDL Direct

Apolipoproteins:

- Apo A-1
- Apo B
- Apo B:Apo A-1

Lipoprotein Markers:

- sdLDL
- Lp(a)

Inflammation Markers:

- PLAC
- Homocysteine
- ox-LDL
- MPO
- hs-CRP

Hormones Panel:

- Estradiol
- FSH
- DHEA-S
- LH
- SHBG
- Cortisol
- Testosterone (Total)
- Free Testosterone
- Progesterone
- Parathyroid Hormone
- Prolactin
- Dihydrotestosterone
- Pregnenolone

Thyroid Panel:

- T3 (Triiodothyronine)
- T4 (Thyroxine)
- Free T3
- Free T4
- TSH
- Anti-TPO
- Reverse T3
- Anti-TG

Comprehensive Metabolic Panel (CMP):

- Sodium
- Potassium
- Chloride
- Carbon Dioxide
- Glucose (Renal)
- BUN
- Creatinine
- eGFR
- eGFR (African American)
- BUN/Creatinine Ratio
- Calcium
- Albumin
- ALT
- AST
- Bilirubin (Total)
- Protein (Total)
- Alkaline Phosphatase
- Serum Osmolality

Autoimmune & Immune Markers:

- Rheumatoid Factor (RF IgM)
- Anti-CCP3 (IgG & IgA)
- hs-CRP
- ANA IFA Panel
- Total IgG
- Total IgM

Additional Health Markers:

- Total CK
- Uric Acid
- Human IGF-1
- Cystatin C
- GGT
- LDH
- Leptin