SpectraCell Laboratories

Science + Health + Solutions

Test Menu & Turnaround Times

ISSUE 01.2026

Through advanced analytics and individualized insights, we're transforming the future of healthcare.

TESTING MENU AND OVERVIEW

Our tests help you, the provider, in addressing multiple areas of the diagnostic puzzle including micronutrient status, cardiovascular health, inflammation, and genetic predisposition—in short, many of the functional components that comprise total health. These product solutions are also indispensable for the evaluation of autoimmune and neurodegenerative conditions, cancer, rate of aging, psychiatric illness, and general wellness.

INTRACELLULAR - MICRONUTRIENT TESTING (MNT)

SpectraCell's Micronutrient test provides the most comprehensive nutritional analysis available by measuring functional deficiencies at the cellular level. It is an assessment of how well the body utilizes 31 vitamins, minerals, amino/fatty acids, antioxidants, and metabolites, while conveying the body's need for these micronutrients that enable the body to produce enzymes, hormones, and other substances essential for proper growth, development, and good health. Repletion recommendations are made based on need.

VITAMINS
- Vitamin A
- Vitamin B1
- Vitamin B2
- Vitamin B3
- Vitamin B6
- Vitamin B12
- Vitamin C
- Vitamin D
- Vitamin K
- Biotin
- Folate
- Pantothenate

MINERALS
- Calcium
- Magnesium
- Zinc
- Copper
- Manganese
- Chromium

AMINO ACIDS
- Asparagine
- Glutamine
- Serine

ANTIOXIDANTS
- Alpha Lipoic Acid
- Coenzyme Q10
- Cysteine
- Glutathione
- Selenium
- Vitamin E

CARBOHYDRATE METABOLISM
- Fructose Sensitivity
- Glucose-Insulin Interaction

FATTY ACIDS
- Oleic Acid

METABOLITES
- Choline
- Inositol
- Carnitine

SPECTROX®
Total Antioxidant Function

IMMUNIDEX
Immune Response Score

CARDIOVASCULAR

Studies have found that it is the lipoprotein particles that carry the cholesterol throughout the blood, not the cholesterol within them, that are responsible for key steps in plaque formation and the development of cardiovascular disease. Cardiovascular risk increases with a higher LDL particle count. With a higher non-HDL count, the probability of particle penetration of the arterial walls rises, regardless of the total amount of cholesterol contained in each particle. SpectraCell's Advanced Lipoprotein Particle Profile (LPP® Plus) measures lipoprotein size and density; cardiovascular risk stratification; and includes triglycerides and traditional cholesterol screening.

LPP® PLUS
- Lipoprotein Fractionation
- Lipoprotein (a)
- Lipoprotein Particle Numbers
- Total Cholesterol
- Total LDL Particles hs-CRP
- Total HDL Particles
- Triglycerides
- Apolipoprotein A–1
- Apolipoprotein B
- Homocysteine
- Hs-CRP
- Insulin

Cardi-A1c
- Lipoprotein Fractionation
- Lipoprotein (a)
- Lipoprotein Particle Numbers
- Total Cholesterol
- Total LDL Particles hs-CRP
- Total HDL Particles
- Triglycerides
- Apolipoprotein A–1
- Apolipoprotein B
- Homocysteine
- Hs-CRP
- Insulin
- Hemoglobin A1c

WELLNESS PANELS

Contrary to established paradigms about health, the majority of chronic disease is attributable in large part to cellular deficiencies in micronutrients. By correcting deficiencies, you can prevent, treat and reverse many medical conditions.

Immune Health

Measures the Micronutrient status to improve your cell-mediated immune response is to correct micronutrient deficiencies that directly compromise T-cell function.

VITAMINS
- Vitamin A
- Vitamin C
- Vitamin D
- Vitamin E

MINERALS
- Calcium
- Magnesium
- Zinc
- Copper
- Manganese

ANTIOXIDANTS
- Lipoic Acid
- Coenzyme Q10
- Glutathione
- Selenium

AMINO ACIDS
- Asparagine
- Glutamine
- Carnitine
- Choline
- Cysteine
- Serine
- Oleic Acid

SPECTROX®
Total Antioxidant Function

IMMUNIDEX
Immune Response Score

Mental Health

Measures micronutrients that can potentially alter the body chemistry in a way that makes the body more resistant to depressive or anxiety symptoms.

VITAMINS
- Vitamin B1
- Vitamin B3
- Vitamin B6
- Vitamin B12
- Vitamin D
- Vitamin E
- Folate
- Inositol

MINERALS
- Calcium
- Magnesium
- Zinc
- Copper
- Chromium
- Selenium
- Manganese

ANTIOXIDANTS
- Coenzyme Q10

CARBOHYDRATE METABOLISM
- Glucose-Insulin Response

AMINO ACIDS
- Asparagine
- Glutamine
- Choline
- Cysteine
- Serine

Energy Optimization

Measures carbohydrate metabolism plus multiple vitamins, minerals, amino acids, antioxidants, and cellular health.

VITAMINS
- Vitamin B1
- Vitamin B2
- Vitamin B3
- Pantothenate
- Vitamin B6
- Biotin
- Folate
- Vitamin B12
- Vitamin A
- Vitamin C
- Vitamin D
- Vitamin E

MINERALS
- Magnesium
- Zinc
- Copper
- Chromium
- Selenium

ANTIOXIDANTS
- Coenzyme Q10
- Glutathione
- Lipoic Acid
- Oleic Acid

CARBOHYDRATE METABOLISM
- Fructose Sensitivity

AMINO ACIDS
- Asparagine
- Glutamine
- Carnitine
- Cysteine
- Serine

SPECTROX®
Total Antioxidant Function

IMMUNIDEX
Immune Response Score

WELLNESS PANELS

Weight Optimization

Repleting deficient micronutrients can potentially alter one's metabolism to make the cells more efficient at burning fat for energy.

VITAMINS
- Vitamin A
- Vitamin B3
- Biotin
- Vitamin B12
- Vitamin C
- Vitamin D
- Vitamin E
- Vitamin K

MINERALS
- Magnesium
- Zinc
- Calcium
- Chromium

ANTIOXIDANTS
- Coenzyme Q10
- Glutathione
- Lipoic Acid

CARBOHYDRATE METABOLISM
- Glucose-Insulin Response
- Fructose Sensitivity

AMINO ACIDS
- Asparagine
- Glutamine
- Carnitine
- Cysteine
- Inositol

IMMUNIDEX
Immune Response Score

Age Nexus

Measures cellular aging and gives a personalized road map on how to improve it.

VITAMINS
- Vitamin A
- Vitamin B1
- Vitamin B2
- Vitamin B3
- Vitamin B6
- Vitamin B12
- Choline
- Vitamin D
- Vitamin K
- Biotin
- Folate
- Pantothenate

MINERALS
- Calcium
- Magnesium
- Zinc
- Copper
- Manganese
- Chromium

AMINO ACIDS
- Asparagine
- Glutamine
- Serine
- Oleic Acid

ANTIOXIDANTS
- Alpha Lipoic Acid
- Coenzyme Q10
- Cysteine
- Glutathione
- Selenium
- Vitamin C
- Vitamin E

CARBOHYDRATE METABOLISM
- Fructose Sensitivity
- Glucose-Insulin Interaction

METABOLITES
- Choline
- Inositol
- Carnitine

SPECTROX®
Total Antioxidant Function

IMMUNIDEX
Immune Response Score

TELOMERE
- Telomere Length (Average)
- Telomere Percentile

Cardiac Nexus

Determines if a mutation of the MTHFR gene is carried and reports the size and type of lipoproteins.

LPP® PLUS
- Lipoprotein Fractionation
- Lipoprotein (a)
- Lipoprotein Particle Numbers
- Triglycerides
- Total Cholesterol
- Total LDL
- Total HDL
- Hs-CRP
- Apolipoprotein A–1
- Apolipoprotein B
- Homocysteine
- Insulin

MTHFR
- C667T Mutation
- A1298C Mutation

Cardi-A1c

Identifies the cardiovascular risk associated with pre-diabetes, in addition to measuring A1c levels.

LPP® PLUS
- Lipoprotein Fractionation
- Lipoprotein (a)
- Lipoprotein Particle Numbers
- Triglycerides
- Total Cholesterol
- Total LDL
- Total HDL
- Apolipoprotein A–1
- Apolipoprotein B
- Homocysteine

PRE-DIABETES
- Hemoglobin A1c
- Insulin
- Hs-CRP

GENETICS

TELOMERE Genotyping

This test, which measures the length of one's telomeres, reveals the rate of biological aging and is strongly correlated with risk for chronic diseases. It has been established as a superb marker for cellular aging. Therapies directed at slowing the loss of telomere length may slow aging and the progression of age-related disease.

Telomere length is influenced by oxidative stress, chronic inflammation, micronutrient status, metabolic health, lifestyle factors, psychological stress, and sleep quality.

MTHFR Genotyping (MethyleneTetraHydroFolate Reductase)

Mutations in this enzyme can affect the metabolism of homocysteine—causing accumulation—and therefore, impair methylation. Methylation is a biochemical process that is involved in numerous functions including cellular repair, energy production, detoxification, neurotransmitter production, and immunity, among others. MTHFR mutations have been linked to increased risk for cardiovascular disease, blood vessel damage, blood clots (thrombosis), stroke, and degenerative aging.

Identification of MTHFR variants can support evaluation of folate processing and homocysteine metabolism, offering clinically relevant context for cardiovascular and neurological risk assessment and personalized care planning.

SpectraCell's MTHFR Genotyping detects mutations for:

- *C677T*
- *A1298C*

BASELINE NEXUS

Comprehensive Cellular & Preventive Health Assessment

The BaselineNexus™ test delivers a overall view of your foundational health, combining advanced diagnostics to assess nutritional status, cardiovascular risk, genetic function, and biological aging. It empowers both patients and providers with personalized insights to guide targeted interventions, promote longevity, and support disease prevention.

Ideal for those seeking a precise, data-driven roadmap to long-term health and wellness

VITAMINS
- Vitamin A
- Vitamin B1
- Vitamin B2
- Vitamin B3
- Vitamin B6
- Vitamin B12
- Vitamin C
- Vitamin D
- Vitamin K
- Biotin
- Folate
- Pantothenate

MINERALS
- Calcium
- Magnesium
- Zinc
- Copper
- Manganese
- Chromium

AMINO ACIDS
- Asparagine
- Glutamine
- Serine

ANTIOXIDANTS
- Alpha Lipoic Acid
- Coenzyme Q10
- Cysteine
- Glutathione
- Selenium
- Vitamin E

CARBOHYDRATE METABOLISM
- Fructose Sensitivity
- Glucose-Insulin Interaction

FATTY ACIDS
- Oleic Acid

METABOLITES
- Choline
- Inositol
- Carnitine

SPECTROX®
Total Antioxidant Function

IMMUNIDEX
Immune Response Score

LPP® PLUS
- Lipoprotein Fractionation
- Lipoprotein (a)
- Lipoprotein Particle Numbers
- Total Cholesterol
- Total LDL Particles hs-CRP
- Total HDL Particles
- Triglycerides
- Apolipoprotein A–1
- Apolipoprotein B
- Homocysteine
- Hs-CRP
- Insulin

TELOMERE
- Telomere Length (Average)
- Telomere Percentile

MTHFR
- C667T Mutation
- A1298C Mutation

EXPECTED TURNAROUND TIME FOR SPECTRACELL TEST RESULTS

Tests	Business Weeks
Micronutrient (MNT)	3 weeks (approx. 16 business days)
LPP Plus+	2 weeks (approx. 11 business days)
TELOMERE	3 weeks (approx. 16 business days)
MTHFR	3 weeks (approx. 16 business days)
Immune Health	2 - 3 weeks (approx. 11-16 business days)
Mental Health	2 - 3 weeks (approx. 11-16 business days)
Energy Optimization	2 - 3 weeks (approx. 11-16 business days)
Weight Optimization	2 - 3 weeks (approx. 11-16 business days)
Age Nexus	3 weeks (approx. 16 business days)
Cardiac Nexus	3 weeks (approx. 16 business days)
Cardi-A1c	1 - 2 weeks (approx. 6-11 business days)
Baseline Nexus	3 weeks (approx. 16 business days)

Visit our website: www.spectracell.com for the most up to date published turnaround time for test results. Additionally, any changes to turnaround time will be communicated via email in our Lab Updates.

GET IN TOUCH

800-227-5227

support@spectracell.com

www.spectracell.com

6030 North Course Drive | Houston, TX 77072