

Test Menu & Turnaround Times



ISSUE 04.2026

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.

<p>VITAMINS</p> <ul style="list-style-type: none"> ▶ Vitamin A ▶ Vitamin B1 ▶ Vitamin B2 ▶ Vitamin B3 ▶ Vitamin B6 ▶ Vitamin B12 ▶ Vitamin C ▶ Vitamin D ▶ Vitamin K ▶ Biotin ▶ Folate ▶ Pantothenate 	<p>MINERALS</p> <ul style="list-style-type: none"> ▶ Calcium ▶ Magnesium ▶ Zinc ▶ Copper ▶ Manganese ▶ Chromium 	<p>ANTIOXIDANTS</p> <ul style="list-style-type: none"> ▶ Alpha Lipoic Acid ▶ Coenzyme Q10 ▶ Cysteine ▶ Glutathione ▶ Selenium ▶ Vitamin E 	<p>FATTY ACIDS</p> <ul style="list-style-type: none"> ▶ Oleic Acid
	<p>AMINO ACIDS</p> <ul style="list-style-type: none"> ▶ Asparagine ▶ Glutamine ▶ Serine 	<p>CARBOHYDRATE METABOLISM</p> <ul style="list-style-type: none"> ▶ Fructose Sensitivity ▶ Glucose-Insulin Interaction 	<p>METABOLITES</p> <ul style="list-style-type: none"> ▶ Choline ▶ Inositol ▶ Carnitine
			<p>SPECTROX® Total Antioxidant Function</p> <p>IMMUNIDEX Immune Response Score</p>

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.

<p>LPP® PLUS</p> <ul style="list-style-type: none"> ▶ Lipoprotein Fractionation ▶ Lipoprotein (a) ▶ Lipoprotein Particle Numbers ▶ Total Cholesterol ▶ Total LDL Particles hs-CRP ▶ Total HDL Particles ▶ Triglycerides 	<ul style="list-style-type: none"> ▶ Apolipoprotein A-I ▶ Apolipoprotein B ▶ Homocysteine ▶ Hs-CRP ▶ Insulin 	<p>Cardi-A1c</p> <ul style="list-style-type: none"> ▶ Lipoprotein Fractionation ▶ Lipoprotein (a) ▶ Lipoprotein Particle Numbers ▶ Total Cholesterol ▶ Total LDL Particles hs-CRP ▶ Total HDL Particles ▶ Triglycerides 	<ul style="list-style-type: none"> ▶ Apolipoprotein A-I ▶ 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 <ul style="list-style-type: none"> ▶ Vitamin A ▶ Vitamin C ▶ Vitamin D ▶ Vitamin E 	MINERALS <ul style="list-style-type: none"> ▶ Calcium ▶ Magnesium ▶ Zinc ▶ Copper ▶ Manganese 	ANTIOXIDANTS <ul style="list-style-type: none"> ▶ Lipoic Acid ▶ Coenzyme Q10 ▶ Glutathione ▶ Selenium 	AMINO ACIDS <ul style="list-style-type: none"> ▶ 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 <ul style="list-style-type: none"> ▶ Vitamin B1 ▶ Vitamin B3 ▶ Vitamin B6 ▶ Vitamin B12 ▶ Vitamin D ▶ Vitamin E ▶ Folate ▶ Inositol 	MINERALS <ul style="list-style-type: none"> ▶ Calcium ▶ Magnesium ▶ Zinc ▶ Copper ▶ Chromium ▶ Selenium ▶ Manganese 	ANTIOXIDANTS <ul style="list-style-type: none"> ▶ Coenzyme Q10 CARBOHYDRATE METABOLISM <ul style="list-style-type: none"> ▶ Glucose-Insulin Response 	AMINO ACIDS <ul style="list-style-type: none"> ▶ Asparagine ▶ Glutamine ▶ Choline ▶ Cysteine ▶ Serine
---	---	---	---

Energy Optimization

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

VITAMINS <ul style="list-style-type: none"> ▶ Vitamin B1 ▶ Vitamin B2 ▶ Vitamin B3 ▶ Pantothenate ▶ Vitamin B6 ▶ Biotin ▶ Folate ▶ Vitamin B12 ▶ Vitamin A 	<ul style="list-style-type: none"> ▶ Vitamin C ▶ Vitamin D ▶ Vitamin E MINERALS <ul style="list-style-type: none"> ▶ Magnesium ▶ Zinc ▶ Copper ▶ Chromium ▶ Selenium 	ANTIOXIDANTS <ul style="list-style-type: none"> ▶ Coenzyme Q10 ▶ Glutathione ▶ Lipoic Acid ▶ Oleic Acid CARBOHYDRATE METABOLISM <ul style="list-style-type: none"> ▶ Fructose Sensitivity 	AMINO ACIDS <ul style="list-style-type: none"> ▶ 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 <ul style="list-style-type: none"> ▶ Vitamin A ▶ Vitamin B3 ▶ Biotin ▶ Vitamin B12 ▶ Vitamin C ▶ Vitamin D ▶ Vitamin E ▶ Vitamin K 	MINERALS <ul style="list-style-type: none"> ▶ Magnesium ▶ Zinc ▶ Calcium ▶ Chromium 	ANTIOXIDANTS <ul style="list-style-type: none"> ▶ Coenzyme Q10 ▶ Glutathione ▶ Lipoic Acid 	AMINO ACIDS <ul style="list-style-type: none"> ▶ Asparagine ▶ Glutamine ▶ Carnitine ▶ Cysteine ▶ Inositol 	<div style="border: 1px dashed orange; padding: 10px;"> IMMUNIDEX Immune Response Score </div>
CARBOHYDRATE METABOLISM <ul style="list-style-type: none"> ▶ Glucose-Insulin Response ▶ Fructose Sensitivity 				

Age Nexus

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

VITAMINS <ul style="list-style-type: none"> ▶ Vitamin A ▶ Vitamin B1 ▶ Vitamin B2 ▶ Vitamin B3 ▶ Vitamin B6 ▶ Vitamin B12 ▶ Choline ▶ Vitamin D ▶ Vitamin K ▶ Biotin ▶ Folate ▶ Pantothenate 	MINERALS <ul style="list-style-type: none"> ▶ Calcium ▶ Magnesium ▶ Zinc ▶ Copper ▶ Manganese ▶ Chromium 	ANTIOXIDANTS <ul style="list-style-type: none"> ▶ Alpha Lipoic Acid ▶ Coenzyme Q10 ▶ Cysteine ▶ Glutathione ▶ Selenium ▶ Vitamin C ▶ Vitamin E 	METABOLITES <ul style="list-style-type: none"> ▶ Choline ▶ Inositol ▶ Carnitine
AMINO ACIDS <ul style="list-style-type: none"> ▶ Asparagine ▶ Glutamine ▶ Serine ▶ Oleic Acid 			<div style="border: 1px dashed orange; padding: 10px;"> SPECTROX® Total Antioxidant Function </div>
CARBOHYDRATE METABOLISM <ul style="list-style-type: none"> ▶ Fructose Sensitivity ▶ Glucose-Insulin Interaction 			<div style="border: 1px dashed orange; padding: 10px;"> IMMUNIDEX Immune Response Score </div>
			TELOMERE <ul style="list-style-type: none"> ▶ 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 <ul style="list-style-type: none"> ▶ Lipoprotein Fractionation ▶ Lipoprotein (a) ▶ Lipoprotein Particle Numbers ▶ Triglycerides 	<ul style="list-style-type: none"> ▶ Total Cholesterol ▶ Total LDL ▶ Total HDL ▶ Hs-CRP 	<ul style="list-style-type: none"> ▶ Apolipoprotein A-1 ▶ Apolipoprotein B ▶ Homocysteine ▶ Insulin 	MTHFR <ul style="list-style-type: none"> ▶ C667T Mutation ▶ A1298C Mutation
--	---	---	--

Cardi-A1c

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

LPP® PLUS <ul style="list-style-type: none"> ▶ Lipoprotein Fractionation ▶ Lipoprotein (a) ▶ Lipoprotein Particle Numbers ▶ Triglycerides 	<ul style="list-style-type: none"> ▶ Total Cholesterol ▶ Total LDL ▶ Total HDL 	<ul style="list-style-type: none"> ▶ Apolipoprotein A-1 ▶ Apolipoprotein B ▶ Homocysteine 	PRE-DIABETES <ul style="list-style-type: none"> ▶ 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 <ul style="list-style-type: none">▶ Vitamin A▶ Vitamin B1▶ Vitamin B2▶ Vitamin B3▶ Vitamin B6▶ Vitamin B12▶ Vitamin C▶ Vitamin D▶ Vitamin K▶ Biotin▶ Folate▶ Pantothenate	MINERALS <ul style="list-style-type: none">▶ Calcium▶ Magnesium▶ Zinc▶ Copper▶ Manganese▶ Chromium AMINO ACIDS <ul style="list-style-type: none">▶ Asparagine▶ Glutamine▶ Serine	ANTIOXIDANTS <ul style="list-style-type: none">▶ Alpha Lipoic Acid▶ Coenzyme Q10▶ Cysteine▶ Glutathione▶ Selenium▶ Vitamin E CARBOHYDRATE METABOLISM <ul style="list-style-type: none">▶ Fructose Sensitivity▶ Glucose-Insulin Interaction	FATTY ACIDS <ul style="list-style-type: none">▶ Oleic Acid METABOLITES <ul style="list-style-type: none">▶ Choline▶ Inositol▶ Carnitine SPECTROX® Total Antioxidant Function
LPP® PLUS <ul style="list-style-type: none">▶ Lipoprotein Fractionation▶ Lipoprotein (a)▶ Lipoprotein Particle Numbers▶ Total Cholesterol▶ Total LDL Particles hs-CRP▶ Total HDL Particles▶ Triglycerides▶ Apolipoprotein A-I▶ Apolipoprotein B▶ Homocysteine▶ Hs-CRP▶ Insulin		TELOMERE <ul style="list-style-type: none">▶ Telomere Length (Average)▶ Telomere Percentile	IMMUNIDEX Immune Response Score
			MTHFR <ul style="list-style-type: none">▶ C667T Mutation▶ A1298C Mutation

EXPECTED TURNAROUND TIME FOR SPECTRACELL TEST RESULTS

Tests	Business Days
Micronutrient (MNT)	approx. 12 business days
LPP Plus+	approx. 11 business days
TELOMERE	approx. 16 business days
MTHFR	approx. 16 business days
Immune Health	approx. 12 business days
Mental Health	approx. 12 business days
Energy Optimization	approx. 12 business days
Weight Optimization	approx. 12 business days
Age Nexus	approx. 16 business days
Cardiac Nexus	approx. 16 business days
Cardi-A1c	approx. 6-12 business days
Baseline Nexus	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