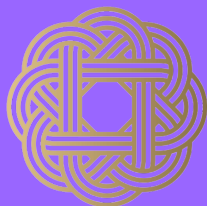


IntelliMIND

Autism & ADHD Care Through Personalized Nutrition

An innovative program designed to enhance cognitive function and behavioral outcomes through comprehensive biomarker analyses to identify and treat nutritional deficiencies associated with autism and ADHD



Longevity
NUTRICARE
Where Health Gets Perfected

Longevity NutriCare LLC is a CLIA Accredited Laboratory located at 6605 Cypresswood Drive, Suite 125, Spring, Texas 77379

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Invaluable Insights Into Personalized Treatment

Biochemical and metabolic dysregulation are increasingly recognized as significant contributors to the pathology of autism spectrum disorder (ASD)

IntelliMIND Autism & ADHD Blood Test 90 Analytes Tested

Micronutrients

- 1) Vitamin B2 (Riboflavin)
- 2) Vitamin B6
- 3) Folate (Vitamin B9)
- 4) Methyl Vitamin B12
- 5) Vitamin D 25-OH
- 6) Iron
- 7) Magnesium
- 8) Calcium
- 9) Potassium
- 10) Phosphorous
- 11) Copper
- 12) Zinc
- 13) Selenium
- 14) Omega-3 Fatty Acids

Gastrointestinal

- 15) Secretory Immunoglobulin A (sIgA)
- 16) Microbial Metabolites (Short-Chain Fatty Acids)
- 17) Zonulin

Inflammation

- 18) C-Reactive Protein
- 19) Interleukin-1B
- 20) Interleukin-6
- 21) TNF-Alpha

Oxidative Stress

- 22) Malondialdehyde
- 23) Glutathione
- 24) 8-Hydroxy-2-Deoxyguanosine (8-OHdg)

Mitochondria

- 25) Adenosine Triphosphate
- 26) Lactate/Pyruvate
- 27) Reactive Oxygen Species

Neurotransmitters

- 28) Serotonin
- 29) Dopamine
- 30) GABA
- 31) Glutamate
- 32) Acetylcholine

General Health

- 44) CMP
- 62) Lipid Panel
- 69) CBC
- 89) HbA1C

Celiac Disease

- 33) DGP-IgA
- 34) DGP-IgG
- 35) tTG-IgA
- 36) tTG-IgG

Hormones

- 37) Cortisol
- 38) Melatonin
- 39) TSH
- 40) Free T3
- 41) Free T4
- 42) Insulin
- 43) IGF-1

90) Folate Receptor Alpha Autoantibodies (FRAAs)

Patient Price: \$599.00

Price includes convenient home collection kit, prepaid priority overnight shipping of samples to laboratory

Understanding Each Individual's Unique Needs

The results from IntelliMIND Autism & ADHD Blood Test will clearly identify individual deficiencies, enabling the design and implementation of personalized meals, snacks and supplements treatment plans for each child

IntelliMIND Autism & ADHD Blood Test 55 Analytes Tested

Micronutrients

- 1) Folate (Vitamin B9)
- 2) Methyl Vitamin B12
- 3) Vitamin D 25-OH
- 4) Iron
- 5) Magnesium
- 6) Calcium
- 7) Potassium

Gastrointestinal

- 8) Secretory Immunoglobulin A (sIgA)
- 9) Zonulin

Mitochondria

- 10) Reactive Oxygen Species

- 55) Folate Receptor Alpha Autoantibodies (FRAAs)

Inflammation

- 11) C-Reactive Protein

Oxidative Stress

- 12) Malondialdehyde
- 13) Glutathione

Neurotransmitters

- 14) Serotonin
- 15) Dopamine
- 16) GABA
- 17) Glutamate
- 18) Acetylcholine

Hormones

- 23) Cortisol
- 24) Melatonin
- 25) TSH
- 26) Free T₃
- 27) Free T₄
- 28) Insulin

Celiac Disease

- 19) DGP-IgA
- 20) DGP-IgG
- 21) tTG-IgA
- 22) tTG-IgG

General Health

- 29) CMP
- 46) Lipid Panel
- 54) HbA_{1c}

Patient Price: \$299.00

Price includes convenient home collection kit, prepaid priority overnight shipping of samples to laboratory

Folate Receptor Autoantibodies IgG



Research has shown that a significant subset of children with ASD & ADHD have elevated levels of FRAs IgG. The presence of these autoantibodies can lead to reduced folate transport into the brain, potentially contributing to neurological dysfunction and the development of ASD & ADHD symptoms

Folate Receptor Autoantibodies IgG Blood Test

Patient Price: \$149.00

Price includes convenient home collection kit, prepaid priority overnight shipping of samples to laboratory

Improve Sleep, Improve Daytime Functioning


Poor sleep in individuals with ASD and ADHD can worsen behavioral issues, impair cognitive function, and lead to difficulties in academic performance and social interactions

Sleep Health 2 Analytes Tested

- 1) Cortisol (4 saliva samples collected)
 - a) morning upon waking (cortisol level is highest)
 - b) midday
 - c) early evening at 7:00 pm
 - d) late evening at 11:30 pm (cortisol level is lowest)
- 2) Melatonin (2 saliva samples collected)
 - a) morning upon waking (melatonin level is lower)
 - b) late evening at 11:30 pm (melatonin level is higher)

Patient Price : \$179.00

Price includes convenient home collection kit, prepaid priority overnight shipping of samples to laboratory



DNA Methylation is a primary epigenetic mechanism

The MTHFR enzyme is involved in the conversion of folate into its active form, which is crucial in a biochemical process called the methylation cycle

Methylation Blood & DNA Test 15 Analytes Tested

Biochemical (Blood) Markers

- 1) Homocysteine
- 2) Iron
- 3) Magnesium
- 4) Potassium
- 5) Vitamin B2 (Riboflavin)
- 6) Vitamin B3 (Niacin)
- 7) Vitamin B6
- 8) Vitamin B9 (Folate)
- 9) Vitamin B12
- 10) Methyl Vitamin B12
- 11) Vitamin D 25-OH
- 12) Zinc

DNA (Genetic) Markers

- 13) MTHFR
- 14) MTRR
- 15) COMT



Patient Price (DNA): \$139.00
Patient Price (Blood): \$249.00

Price includes convenient home collection kit, prepaid priority overnight shipping of samples to laboratory

The Autism Plate

A Handbook For
Simplifying Mealtime
For Families with Autism & ADHD



METHYLATION

