Organic Acid Test

Selective immunodeficiency, exposure to broad-spectrum antibiotics, and consumption of sugars, individually or in combination, can stimulate an overgrowth of intestinal yeast or bacteria, normally present in much lower quantities. Once any abnormalities are detected there are a variety of treatment options. Improvements that have been reported during and after treatment include better eye contact, improved language, less self-abusive behavior, less hyperactivity, better sleeping habits and less stimming. These organisms and their metabolites can produce or exacerbate symptoms in many conditions.

The organic acid test evaluates all of the well-defined inborn errors of metabolism that can be detected with this technology (called GC/MS) such as PKU, maple-syrup urine disease, and many others. In addition, it checks for many other abnormalities such as vitamin deficiencies and abnormal metabolism of catecholamines, dopamine, and serotonin. It gives quantitative values for 65 substances, but also evaluates other substances. Some of the other biochemical abnormalities common in autism include elevated uracil and elevated glutaric acid.

Panel Includes:

- Yeast metabolites
- Bacteria metabolites
- Nutritional deficiencies
- Antioxidant deficiencies
- Inborn errors of metabolism
- Amino acid abnormalities
- Fatty acid abnormalities
- Exposure to solvent toxins
- Deficiencies of B vitamins or vitamin C
- Neurotransmitters
- Indications of diabetic conditions
- Krebs cycle metabolites
- Clostridia overgrowth
- Glycolysis
- Pyrimidines
- 65 important compounds

Organic Acid Test (65 tests):

Glycolysis (4), Amino Acid Metabolites (14), Fatty Acids (7), Yeast/Fungal (8), Bacterial (2), Anaerobic Bacterial (2), Krebs Cycle (5), Neurotransmitters (3), Pyrimidines (2), Vitamin C plus 14 others