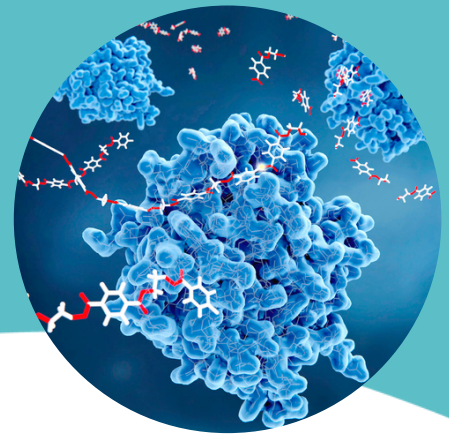


# Organic Acids



## Who Will Benefit from the Organic Acids Test?

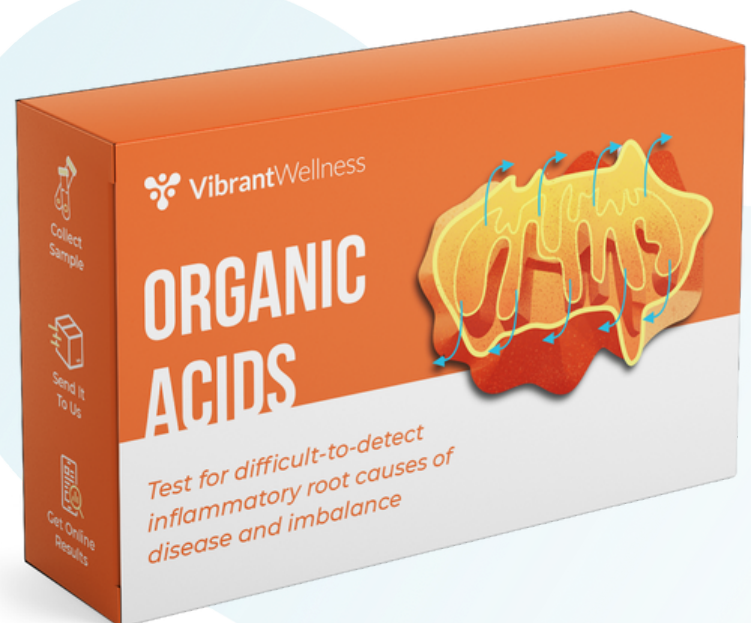
The Organic Acids Test detects the organic acids in urine that are byproducts of daily cellular metabolism. The panel can accurately identify conditions associated with genetic disorders, nutrient deficiencies, intestinal dysbiosis, and toxicity from diet and prescription drugs.

The Organic Acids panel is designed to take a broad look at multiple systems affected by inflammation. If you're experiencing gastrointestinal, neurological, detoxification, toxic exposure, or other inflammatory symptoms, you may benefit from this panel.

## Recognizing Symptoms of Chronic Inflammation

### Symptoms Include:

- Fatigue (sluggish, tired)
- Hyperactive (nervous energy)
- Insomnia
- Depression
- Anxiety (fears, uneasiness)
- Forgetfulness
- Lack of concentration/Brain fog
- Diarrhea
- Nausea



## Why is This Test Important?

- Chronic inflammatory diseases are the most significant cause of death in the world. The World Health Organization (WHO) ranks chronic diseases as the greatest threat to human health.<sup>1</sup>
- Based on known metabolic pathways and enzyme-cofactor requirements, organic acid markers can provide great insights into the underlying causes of chronic symptoms.
- Organic acids testing can help detect metabolism imbalances, infection risk, impaired detoxification, nutrient deficiencies, toxicity, and inflammation in those with chronic or complex acute illness.
- Alongside other diagnostic testing, organic acids profiles provide a comprehensive view of root causes and enable your care provider to develop a personalized and effective treatment plan for your chronic condition.

## The Vibrant Wellness Advantage

**Simple testing with robust results.** Perform the Organic Acids Test in the comfort of your home.

**Unparalleled specificity and sensitivity.** Our proprietary technology utilizes 11 different subpanels to detect:

- intestinal microbial overgrowth
- indicators of detoxification
- mitochondrial markers
- neurotransmitter metabolism markers
- glutathione status
- fatty acid metabolism markers
- inborn errors of metabolism

**Validated and accredited.** Science-backed testing and analysis based on rigorous, ongoing research by clinical experts.

## What to Expect from the Test

1. Follow our simple instructions to perform this urine test at home.
2. Before testing: Avoid apples, grapes, pears, and cranberries as well as their juices or products, and mushrooms and ribose supplements for 48 hours before urine collection. Fasting is not required. For best test performance, collect the first morning urine sample upon awakening. Do not collect any urine if you awaken and urinate overnight. Do not drink more than 8oz of water at least 1 hour before urine collection as the urine sample may be rejected if the urine is too diluted. Consult with your ordering provider regarding whether to continue or discontinue any other dietary supplements or medications before your test.
3. Send the test to our labs for analysis and work with your care provider to understand the results.

## About Vibrant Wellness

**Vibrant Wellness** is a leading CLIA-certified and CAP-accredited biotech company based in San Carlos, CA. We deliver life-transforming lab testing that enables health and wellness providers to discover the root of patient health issues.

We're at the forefront of modern medicine and research, providing personalized health analytics using cutting-edge, high-quality technology. We believe that anyone can achieve better health and vibrant longevity through individualized solutions based on testing—not guessing.



### References

1. <https://www.ncbi.nlm.nih.gov/books/NBK493173/>

### Regulatory Statement

The general wellness test intended uses relate to sustaining or offering general improvement to functions associated with a general state of health while making reference to diseases or conditions. This test has been laboratory developed and its performance characteristics determined by Vibrant America LLC and Vibrant Genomics, CLIA and CAP certified laboratory performing the test. The test has not been cleared or approved by the U.S. Food and Drug Administration (FDA). Although FDA does not currently clear or approve laboratory-developed tests in the U.S., certification of the laboratory is required under CLIA to ensure the quality and validity of the tests.