

Dairy Zoomer



Who Will Benefit from the Dairy Zoomer test?

The Dairy Zoomer panel detects the body's reaction to dairy or cow's milk.

Dairy sensitivity includes the delayed, mild to moderate symptoms associated with the consumption of cow's milk and associated products.

If you are diagnosed with or suspect food sensitivities or allergies, intestinal permeability, type 1 diabetes, autoimmune disease (multiple sclerosis and uveitis), autism, or have a family history of dairy sensitivity or allergy, you may benefit from this panel.

Recognizing Symptoms of Dairy Sensitivity

Symptoms include:

- Abdominal pain during or after meals
- Gas
- Bloating
- Colic (Infants)
- Eczema or other rashes
- Mucous-filled cough
- Runny nose
- Eye irritation
- Recurring ear infections
- Other food sensitivities and allergies
- Atopic dermatitis



Why is This Test Important?

- 30 to 50 million Americans are lactose intolerant (cannot properly digest cow's milk).¹
- Trigger foods and food sensitivities contribute to leaky gut and harm the intestinal lining, causing inflammation.
- Dairy sensitivity can be difficult to detect due to its ubiquitous presence in the Western diet, symptom overlap with other common conditions, and delayed response time; symptoms may not show up for up to 72 hours after consuming dairy.
- Dairy sensitivity can affect both the local intestinal environment as well as extra-intestinal body systems such as the skin, joints, brain, and other internal organs and tissue systems.
- Alpha S2-casein dairy protein has high similarity to retinal S-antigen in the retina of the eye and has been linked to uveitis.²⁻³
- Butyrophilin milk protein has high similarity to myelin oligodendrocyte glycoprotein in myelin and has been linked to multiple sclerosis exacerbation.²⁻³
- The Vibrant Wellness Dairy Zoomer will allow you to understand your body's unique response to dairy and work with your provider to create a personalized nutrition and wellness plan to reduce inflammation and feel better.

The Vibrant Wellness Advantage

Simple testing with robust results. Perform the Dairy Zoomer panel in the comfort of your home.

Unparalleled specificity and sensitivity. Our proprietary technology detects:

- IgA and IgG antibodies
- Sensitivity to all major antigens in cow's milk

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 test either at home or at a blood draw center.
2. Before testing:
 - You do not need to fast before your Dairy Zoomer test.
 - There are no diet or dietary supplement restrictions required before testing. We recommend consuming your "normal" diet before testing – meaning we don't recommend excluding specific foods (such as dairy products) from your diet before testing, as this could affect results.
 - Your provider may ask you to discontinue medications or dietary supplements. Speak with your provider to learn more.
3. Send the test to our lab for analysis and work with your care provider to understand the results.

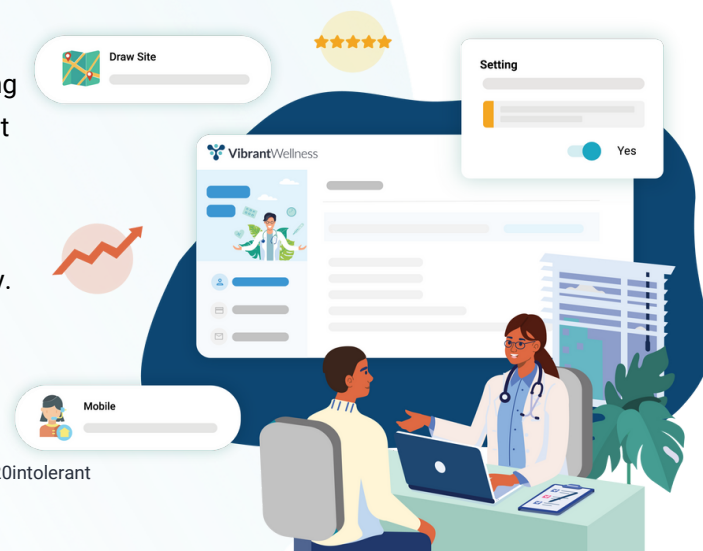
About Vibrant Wellness

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.childrenshospital.org/conditions/lactose-intolerance#:~:text=A%20lack%20of%20lactase%20can,Native%20Americans%20are%20lactose%20intolerant>
2. <https://www.pnas.org/doi/10.1073/pnas.2117034119>
3. <https://pubmed.ncbi.nlm.nih.gov/15288005/>



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 Wellness, CLIA-certified and CAP-accredited 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.