



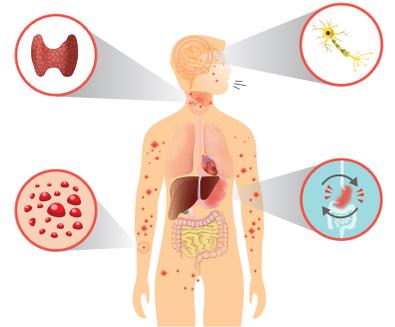
FUNGAL ANTIBODIES



Which Patients Need to be Tested for Fungal Antibodies

Toxins released by fungi can cause multiple systemic symptoms, including but not limited to:

- ❑ **Gastrointestinal:** bloating, constipation, gas, heartburn, inflammation, irritable bowel syndrome, bad breath (halitosis), oral thrush
- ❑ **Skin:** acne, dandruff, anal itching, dermatitis, nail fungus, discolored nails, hives
- ❑ **Neurological:** poor memory, tingling, anxiety, fatigue, mood swings, brain fog
- ❑ **Endocrine:** adrenal and thyroid malfunction, impotence, sex hormone imbalances



Facts About Fungal Antibodies and Fungal Overgrowth

- ✓ Fungal overgrowth can be the underlying cause of many chronic inflammatory symptoms or conditions, and symptoms can be identical to many other systemic infections, requiring highly accurate lab testing to provide definitive answers.
- ✓ Antibodies to fungal microorganisms can often provide clues to fungal overgrowths in the human body that are otherwise difficult to detect, due to biofilm formation.
- ✓ In patients with exposure to other fungal infections or mycoses, such as toxic mold exposure, concomitant fungal infections are common, and must also be detected and treated to ensure total return to health and well-being.





Clinical Connections



Anti-fungal antibodies enable a high sensitivity of detection over tests like D-arabinitol, because D-arabinitol/creatinine ratio has also been shown to be high in patients without candidiasis, which affects its specificity.



The Vibrant Fungal Antibodies test is a multiplex antibody assay to address the need for a fully automated, high sensitivity test with a rapid turn around time.



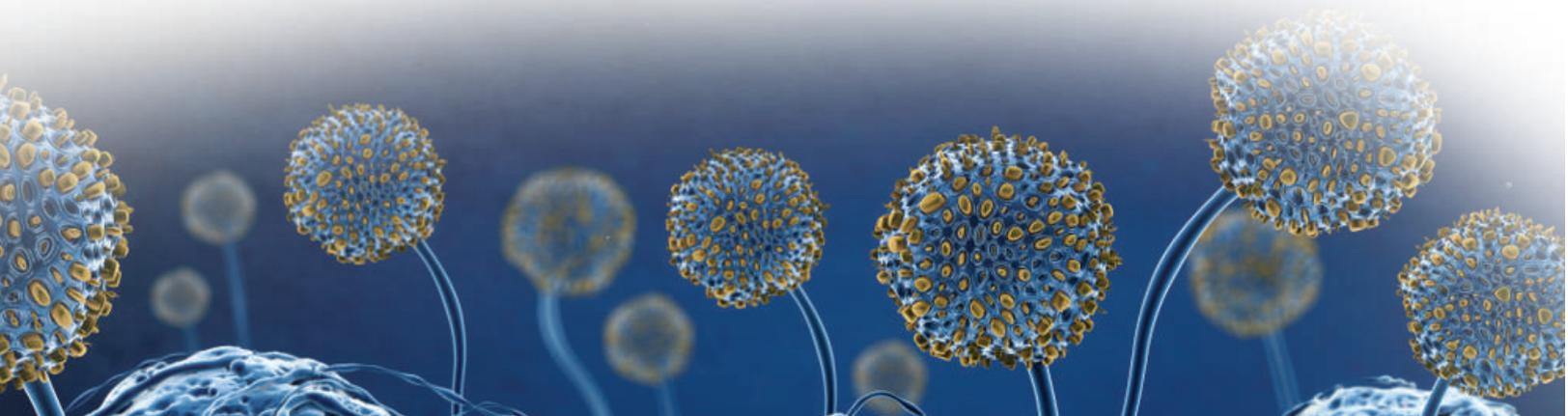
The Vibrant Fungal Antibodies test should be paired with other tests to assess fungal exposure or toxicity in the body, such as the Vibrant Mycotoxins test and/or the Vibrant Gut Zoomer Complete.



What Does the Vibrant Fungal Antibodies Test Include?

The Vibrant Fungal Antibodies test includes antibodies to:

Candida albicans	Candida dubliniensis
Candida albicans Enolase	Candida guilliermondii
Candida tropicalis	Candida rugosa
Candida parapsilosis	Saccharomyces cerevisiae
Candida glabrata	Cladosporium
Candida krusei	Trichosporon ovoides
Candida lusitanae	Aspergillus fumigatus



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 Genomics LLC, a CLIA-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.