

Final Report Date:	10-29-2019 09:31	Specimen Collected:	11-30-2015
Accession ID:	1512010000	Specimen Received:	12-01-2015 00:00

LAST NAME	FIRST NAME	GENDER	DATE OF BIRTH	ACCESSION ID	DATE OF SERVICE
TESTNAME	PATIENT	MALE	1961-01-20	1512010000	11-30-2015

PATIENT

Name: PATIENT TESTNAME
 Date of Birth: 1961-01-20
 Gender: Male
 Age: 58
 Height: 5'9" Weight: 160 lbs

Telephone #: test@vibrantsci.com
 Street Address: 1021 HOWARD AVENUE SUITE B
 City: SAN CARLOS
 State: CA Zip #: 94070

Fasting: FASTING No. of hours: 12.0

PROVIDER

Practice Name: Vibrant IT4 Practice
Provider Name: Vibrant IT4, MD (999999)
 Street Address: 999999 PRACTICE STREET AVE
 City: SAN CARLOS
 State: CA
 Zip #: 94404
 Telephone #: 666-666-6662
 Fax #: 111-222-0000

For doctor's reference

Vibrant Wellness is pleased to present to you, '**Fungal Antibodies**', to help you make healthy lifestyle, dietary and treatment choices in consultation with your healthcare provider. It is intended to be used as a tool to encourage a general state of health and well-being.

The Vibrant Fungal Antibodies is a test to measure antibody levels to fungal microorganisms in one's blood. The panel is designed to give a complete picture of an individual's levels of antibodies to these antigens in serum.

Interpretation of Report: The report begins with the Fungal Antibodies summary page which lists only the microorganisms against which the antibody levels are high or moderate in the reference range. Following the summary section is the complete list of the fungal antibodies along with the levels of antibodies to them in a tabular form to enable a full overview along with the corresponding reference ranges. The level of the antibody has a green, yellow or red highlight around the cell indicating –Mild, Moderate or High levels in comparison to our reference population. Additionally, the previous value is also indicated to help check for improvements every time the test is ordered. All contents provided are purely for informational purposes only and should not be considered medical advice. Any changes based on these choices are to be made in consultation with the clinical provider.

The Vibrant Wellness platform provides tools for you to track and analyze your general wellness profile. Testing for the fungal antibodies panel is performed by Vibrant America, a CLIA certified lab CLIA#:05D2078809. Vibrant Wellness provides and makes available this report and any related services pursuant to the Terms of Use Agreement (the "Terms") on its website at www.vibrant-wellness.com. By accessing, browsing, or otherwise using the report or website or any services, you acknowledge that you have read, understood, and agree to be bound by these terms. If you do not agree to accept these terms, you shall not access, browse, or use the report or website. The statements in this report have not been evaluated by the Food and Drug Administration and are only meant to be lifestyle choices for potential risk mitigation. Please consult your physician for medication, treatment, diet, exercise or lifestyle management as appropriate. This product is not intended to diagnose, treat, or cure any disease or condition.

Please Note - It is important that you discuss any modifications to your diet, exercise and nutritional supplementation with your physician before making any changes.

To schedule an appointment with Vibrant Clinical Dietitians please call: Toll-Free 866-364-0963.

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FUNGAL ANTIBODIES SUMMARY

HIGH

Test name	In Control	Moderate	High	In Control Range	Moderate Range	High Range	Previous
Candida albicans IgM			24.6	≤10.0	10.1~19.9	≥20.0	5.2
Candida albicans enolase IgM			21.7	≤10.0	10.1~19.9	≥20.0	8.8

Comments

Candida albicans is an opportunistic pathogenic yeast which is found in the human skin, GI tract and genitourinary tracts. It usually resides in commensal equilibrium but can cause infections in certain individuals. Recent use of antibiotics, toxic metals exposure, or chemicals killing commensal bacteria or immunodeficiencies, among others may cause candida overgrowth. Rhizoids, which are long root-like structures produced by Candida can penetrate mucosa and intestinal walls, enabling toxins, food, bacteria, and yeast to enter the bloodstream. Anti-fungals are usually used in treatment while several lifestyle modifications such as a Candida control diet, high quality probiotics have been suggested.

MODERATE

Test name	In Control	Moderate	High	In Control Range	Moderate Range	High Range	Previous
Candida krusei (IgG + IgA)		12.3		≤10.0	10.1~19.9	≥20.0	3.9
Candida krusei IgM		17.1		≤10.0	10.1~19.9	≥20.0	1.6

Comments

Candida krusei is a type of yeast involved in chocolate production. Cacao beans are fermented with C. Krusei to remove their bitter taste. Recently C. Krusei has seen more research interest as it is one of the main emerging hospital acquired infections and is primarily found in the immunocompromised individuals or those with hematological malignancies. In a study of patients with gastrointestinal diseases and normal controls for Helicobacter pylori infection and Candida colonization, Candida krusei was found in specimens from 20% bleeding, 52% ulcer, and 100% gastritis patients, whereas H. pylori infection rates were 82%, 35% and 30%, respectively, for the same groups of patients C. krusei was not detected in stomach samples from normal controls. Anti-fungals are usually used in treatment while several lifestyle modifications such as a Candida control diet, high quality probiotics have been suggested. Its important to note that Candida Krusei has resistance to fluconazole.

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FUNGAL ANTIBODIES COMPLETE

Fungal Antibodies

Test name	In Control	Moderate	High	In Control Range	Moderate Range	High Range	Previous (08/20/2015)
Candida albicans (IgG + IgA)	3.6			≤10.0	10.1~19.9	≥20.0	6.0
Candida albicans IgM			24.6	≤10.0	10.1~19.9	≥20.0	5.2
Candida albicans enolase (IgG + IgA)	8.1			≤10.0	10.1~19.9	≥20.0	1.9
Candida albicans enolase IgM			21.7	≤10.0	10.1~19.9	≥20.0	8.8
Candida tropicalis (IgG + IgA)	1.3			≤10.0	10.1~19.9	≥20.0	2.6
Candida tropicalis IgM	0.2			≤10.0	10.1~19.9	≥20.0	6.6
Candida parapsilosis (IgG + IgA)	2.8			≤10.0	10.1~19.9	≥20.0	9.2
Candida parapsilosis IgM	4.4			≤10.0	10.1~19.9	≥20.0	8.4
Candida glabrata (IgG + IgA)	1.7			≤10.0	10.1~19.9	≥20.0	1.7
Candida glabrata IgM	0.2			≤10.0	10.1~19.9	≥20.0	2.7
Candida krusei (IgG + IgA)		12.3		≤10.0	10.1~19.9	≥20.0	3.9
Candida krusei IgM		17.1		≤10.0	10.1~19.9	≥20.0	1.6
Candida lusitanae (IgG + IgA)	4.8			≤10.0	10.1~19.9	≥20.0	0.4
Candida lusitanae IgM	7.5			≤10.0	10.1~19.9	≥20.0	2.6
Candida dubliniensis (IgG + IgA)	8.2			≤10.0	10.1~19.9	≥20.0	0.6
Candida dubliniensis IgM	2.0			≤10.0	10.1~19.9	≥20.0	4.3
Candida guilliermondii (IgG + IgA)	2.2			≤10.0	10.1~19.9	≥20.0	0.4
Candida guilliermondii IgM	8.5			≤10.0	10.1~19.9	≥20.0	3.4
Candida rugosa (IgG + IgA)	3.7			≤10.0	10.1~19.9	≥20.0	1.0
Candida rugosa IgM	<0.1			≤10.0	10.1~19.9	≥20.0	6.2
Saccharomyces cerevisiae (IgG + IgA)	1.7			≤10.0	10.1~19.9	≥20.0	2.4
Saccharomyces cerevisiae IgM	9.2			≤10.0	10.1~19.9	≥20.0	0.7
Cladosporium (IgG + IgA)	8.6			≤10.0	10.1~19.9	≥20.0	5.0
Cladosporium IgM	8.1			≤10.0	10.1~19.9	≥20.0	6.8
Trichosporon ovoides (IgG + IgA)	7.0			≤10.0	10.1~19.9	≥20.0	8.1
Trichosporon ovoides IgM	1.0			≤10.0	10.1~19.9	≥20.0	7.4
Aspergillus fumigatus (IgG + IgA)	1.5			≤10.0	10.1~19.9	≥20.0	3.6
Aspergillus fumigatus IgM	7.7			≤10.0	10.1~19.9	≥20.0	2.2

Risk and Limitations

This test has been developed and its performance characteristics determined by Vibrant America LLC., a CLIA certified lab. These assays have not been cleared or approved by the U.S. Food and Drug Administration.

Vibrant Fungal Antibodies panel does not demonstrate absolute positive and negative predictive values for any condition. Its clinical utility has not been fully established. Clinical history and current symptoms of the individual must be considered by the healthcare provider prior to any interventions. Test results should be used as one component of a physician's clinical assessment.

Fungal Antibodies Panel testing is performed at Vibrant America, a CLIA certified laboratory and utilizes ISO-13485 developed technology. Vibrant America has effective procedures in place to protect against technical and operational problems. However, such problems may still occur. Examples include failure to obtain the result for a specific fungal antibody due to circumstances beyond Vibrant's control. Vibrant may re-test a sample in order to obtain these results but upon re-testing the results may still not be obtained. As with all medical laboratory testing, there is a small chance that the laboratory could report incorrect results. A tested individual may wish to pursue further testing to verify any results.

The information in this report is intended for educational purposes only. While every attempt has been made to provide current and accurate information, neither the author nor the publisher can be held accountable for any errors or omissions.

Vibrant Wellness makes no claims as to the diagnostic or therapeutic use of its tests or other informational materials. Vibrant Wellness reports and other information do not constitute the giving of medical advice and are not a substitute for a professional healthcare practitioner. Please consult your provider for questions regarding test results, or before beginning any course of medication, supplementation or dietary/lifestyle changes. Users should not disregard, or delay in obtaining, medical advice for any medical condition they may have, and should seek the assistance of their health care professionals for any such conditions.