

Candida Intensive Culture

sample type: **SERUM**

Candida Intensive Culture uses fecal and blood analysis to provide a comprehensive assessment of local and systemic Candida overgrowth associated with immune reactivity, Irritable Bowel Syndrome (IBS), dermatitis, low energy, PMS, mood swings, “foggy brain” and other symptoms.

Causes of Candida Overgrowth:

Many factors associated with modern life promote the overgrowth of Candida yeast within the gastrointestinal tract. Factors that can trigger Candida overgrowth include:

- Increased use of antibiotics and oral contraceptives
- High sugar and starch diets
- Stress
- Chlorinated water

Toxic by-products released by yeast can set off a multitude of both subtle and overt symptoms. These range from headaches, fatigue, and inability to concentrate, to low sex drive, recurrent vaginitis, skin irritations, and even failing vision.

Candida albicans and Skin Irritations:

Overgrowth of *Candida albicans* can be signified by a large number of skin problems. In fact, some experts estimate that 15% of patients with Candida overgrowth have some type of skin lesion. Clinical examples include:

- Psoriasis
- Inflammation
- Rashes on various parts of the body
- Atopic dermatitis

Candida albicans and Female Reproductive Hormones:

Candida albicans is closely linked with the activity of reproductive hormones in women.

- Estradiol, one of the body's main forms of estrogen, promotes the growth and the survival of *C. albicans* by protecting it from heat and oxidative stress.
- *C. albicans* overgrowth in the GI tract can trigger specific symptoms very similar to PMS, most notably fatigue, depression, anxiety and joint pain.
- Research suggests that Candida overgrowth can activate an autoimmune response to sex steroid hormones such as estrogen. In the presence of Candida overgrowth a normal cyclic rise and fall of sex steroids could theoretically result in flare-ups of Candida-induced PMS symptoms.
- **Genova Diagnostics' Candida Intensive Culture** utilizes advanced and sophisticated testing equipment to analyze both blood and stool samples for *Candida albicans*. A stool culture provides a sensitive, noninvasive means of assessing the current concentration of Candida growth within the body. The determination of an immunological response to Candida, via measurement of serum IgG antibodies, can not only establish current or past exposure to Candida, but also suggest the likelihood of causality for systemic symptoms.

• Analytes:

Fecal yeast culture and serum IgG antibodies to *Candida albicans*, sensitivities as appropriate

• Specimen Requirements:

5cc stool in Cary/Blair vial, 2
ml serum in SST

• Before Patient Takes this Test:

- Discontinue anti-fungal medications
- See instructions inside test kit for details

Candida Intensive



63 Zillicoa Street
Asheville, NC 28801
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Patient: **SAMPLE PATIENT** **Order Number:**
Completed: October 11, 2006
Age: 32 Received: October 10, 2006
Sex: F Collected: October 10, 2006
MRN:

This test reveals important clinical information about:

- **Immunological response** to intestinal and systemic Candida overgrowth
- **A potential cause of several conditions**, including immune reactivity, fatigue, hormonal and reproductive disorders, vaginitis, and skin irritations

Serum Candida IgG Antibody			
	Inside Range	Outside Range	Reference Range
Serum Candida IgG Antibody	2		<=10 A.U.

Yeast Culture

Mycology

*NG

KOH Results

Few Yeast Present

Yeast Culture Legend

*NG	NP	PP	P
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Human microflora is influenced by environmental factors and the competitive ecosystem of the organisms in the GI tract. Pathological significance should be based upon clinical symptoms and reproducibility of bacterial recovery.

Commentary

Commentary is provided to the practitioner for educational purposes, and should not be interpreted as diagnostic or treatment recommendations. Diagnosis and treatment decisions are the responsibility of the practitioner.

The Serum Candida IgG Antibody test has been developed and its performance characteristics determined by AAL Reference Laboratories, Inc. It has not been cleared or approved by the U. S. Food and Drug Administration. The Serum Candida IgG Antibody testing is performed at AAL Reference Laboratories, 1826 Kramer Lane Ste G, Austin, TX 78758.

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For test kits, clinical support, or more information contact:

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More detailed publications with references are also available: www.GDX.net