

Candida

General:

Due to the increasing occurrence of Candida infections and the difficulties in diagnosing Candida mycoses on time, the serology is useful to confirm a clinical suspicion and to control mycosis risk in patients.

A significant variation of the titers within the normal range titer may be caused by a mucous Candidiasis. False negative results are to be expected after immunosuppressive effects caused by drug therapy or of genetic origin.

The evidence of humoral antibodies is only of diagnostic value and has no significance with regard to Candida infection immunity.

The following tests are available:

- **Candida albicans IgA antibodies**

Material: 1 ml serum

TAT: 7-10 days*

Method: EIA

Units: Index

Ref.- range: <8.5

- **Candida albicans IgG antibodies**

Material: 1 ml serum

TAT: 7-10 days*

Method: EIA

Units: Index

Ref.- range: <25.0

- **Candida albicans IgM antibodies**

Material: 1 ml serum

TAT: 7-10 days*

Method: EIA

Units: Index

Ref.- range: < 8.5

- **Candida albicans antigen**

Material: 1 ml serum

TAT: 7-10 days*

Method: AGGL

Units: titer

Ref.- range: < 1:2

- **Candida albicans DNA**

Material: 3 ml EDTA

TAT: 7-10 days*

Method: PCR

Ref.- range: see report

- **Candida in Stool culture[^]**

General :

Candida species in stool are found in 20-60% of the population. Candida is discussed to belong to the physiological flora of the intestine. Detection of Candida in stool is not necessarily a relevant finding. However, excessive growth in immune-suppressed patients (cytostasis, HIV and others) as well as in systemic diseases should be considered as abnormal. Gastrointestinal pain with diarrhea and with significant Candida growth in stool should be confirmed several times. Other causes also have to be excluded before treating Candidiasis.

Indication: Exclusion of gastrointestinal Candida mycosis, diarrhea clarification, focus search with immunosuppressed patients, dermatological disorders, diabetes mellitus

Material: 5 g stool

TAT: 2-3 days, FML

Method: 5 g stool

Units: cultivation

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit

<http://www.fml-dubai.com/parameter-listings/>