

Technical Data

Kit Size	96 wells
Plate Format	'Break apart' wells
Sample Dilution	1:200
Assay Timing	30/30/10 min at room temperature
Standards	IgG 0, 12.5, 25, 50 & 100 U/ml IgA 0 & cut off IgM 0 & cut off
Normal Values	IgG < 30 U/ml IgA < 10 U/ml IgM < cut off
Reagents	Colour coded and ready to use
Typical CVs	4 - 12 %
Quality Control	Controls are included in the kit
Microplate Photometer	Optical density read at 450 nm
Product code	GD22

Candida albicans IgG

The Genesis *Candida albicans* IgA, IgM and IgG kits are rapid ELISA methods for the detection of IgA, IgM or IgG antibodies to *Candida albicans*. They are intended for the diagnosis of *Candida albicans* infection.

A number of fungal pathogens can spread systemically from the intestinal lumen to the visceral organs. Candidiasis, which is a fungal infection of the deep organs, results from the overgrowth and spread of *Candida*, a normal inhabitant of the gut.

Patients on long term antibiotic or immunosuppressive drugs are at particular risk and candidiasis is a significant cause of death in these patients.

Three quantitative kits are available. The kits include a microplate coated with a purified *Candida albicans* extract. It has been found that antibodies to mannan are found in many normal subjects and these can cause false positive results. The Genesis kit contains a mannan blocking agent which minimises interference from anti-mannan antibodies.

The shelf life of the kit is up to 18 months.

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*Diagnos***tics**

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