

Technical Data

Kit Size	96 tests
Plate Format	Break-apart strips
Sample Dilution	1:100
Quantitative Assay Timing	30+30+10 minutes
Standards IgA	10U/ml
Normal Values	<10U/ml
Typical CVs	6 - 15%
Quality Control	Negative & positive control included
Microplate Photometer	450/620nm
Product code	GD79

Saccharomyces Cerevisiae IgA

The Genesis Saccharomyces cerevisiae IgA kit is a rapid ELISA method for the qualitative/semi-quantitative detection of anti-Saccharomyces cerevisiae antibodies (ASCA).

Inflammatory bowel diseases (IBD) which include Crohn's disease and ulcerative colitis occur world-wide and are characterised by unknown aetiology and chronic intestinal inflammation. Diagnosis comprises mainly colonoscopy and X-ray.

Antibodies to oligomannosidic epitopes of the baker's yeast Saccharomyces cerevisiae, (ASCA) have been shown to be strongly associated with inflammatory processes of the intestine. Importantly, IgA and IgG ASCA have been described as important serological markers for the diagnosis of Crohn's disease. Approximately 60% of patients with Crohn's disease have been found to be positive for IgG antibodies to S. cerevisiae, whereas the incidence in patients with ulcerative colitis is no different from that in healthy control subjects.

Perinuclear anti-neutrophil cytoplasmic autoantibodies (pANCA), which occur infrequently in patients with Crohn's disease, are a recognised marker for ulcerative colitis. Thus, serological testing for pANCA in combination with ASCA can assist in the differential diagnosis of IBD and the selection of appropriate therapies.

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*Diagnos***tics**

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