

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	0, 12.5, 25, 50 & 100 U/ml
Normal Values	< 12 U/ml
Reagents	Colour coded and ready to use
Typical CVs	< 12%
Quality Control	Positive control is included
Microplate Photometer	Optical density read at 450 nm
Product code	GD29

Aspergillus fumigatus IgG

The Aspergillus IgG kit is a rapid ELISA method for the detection of IgG antibodies to *Aspergillus fumigatus*.

The Genesis Aspergillus IgG kit includes 5 calibrated liquid standards (Genesis units). The assay may be run quantitatively or qualitatively

Aspergillus species are wide spread in nature, being found in soil, ventilation systems, building materials as well as plant and animal sources. Spores are released into the air and are constantly inhaled by air breathing mammals.

Lung disease due to Aspergillus may be caused by a variety of mechanisms, including allergy to inhaled spores, aspergilloma, and active fungal invasion. Aspergillus fumigatus is by far the most important species in terms of disease.

Invasive Aspergillus infections in febrile cytopenic patients with haematologic malignancies are difficult to diagnose. Early diagnosis of Aspergillus infection with rapid implementation of anti-fungal therapy may improve therapeutic success rates.

The kit has a shelf life of up to 18 months from the date of manufacture.

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*Diagnos***tics**

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