

Technical Data

Kit Size	96 wells
Plate Format	'Break apart' wells
Sample Dilution	1:100
Assay Timing	30/30/10 min at room temperature
Standards	IgG 0, 6.2, 12.5, 25, 50 & 100 U/ml IgA 0, 6.2, 12.5, 25, 50 & 100 U/ml
Normal Values	IgG < 6 U/ml IgA < 8 U/ml
Reagents	Colour coded and ready to use
Typical CVs	4 - 12 %
Quality Control	Positive controls are included in the kit
Microplate Photometer	Optical density read at 450 nm
Product code	GD07

Pseudomonas aeruginosa IgG

The Genesis *Pseudomonas aeruginosa* IgG kit is a rapid ELISA method for the detection of antibodies to *Ps. aeruginosa*.

Hospitalised patients, in particularly those with cystic fibrosis (CF) and severe burns, are prone to infection by a number of micro-organisms. *Ps. aeruginosa* is a pathogen that can be very difficult to control. It is particularly virulent in CF patients.

Regular monitoring of serum levels of anti-*Ps. aeruginosa* antibodies can be helpful in dealing with the early onset of infection and in diagnosis where suitable samples for bacterial cultures cannot be provided. There is evidence to show that, even prior to detection of chronic infection, there is positive correlation between increased titres of anti-*Ps. aeruginosa* and deteriorating pulmonary function.

Lipopolysaccharride antigens from *Ps. aeruginosa* are coated onto the microplate surface and further treated to stabilise them in dried form, giving a shelf life of up to 18 months from the date of manufacture.

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Diagnostics

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