



Reliable detection of Aspergillus antigen



Aspergillus Antigen ELISA

Now
available!

Quantitative test for diagnosis of invasive aspergillosis (IA)

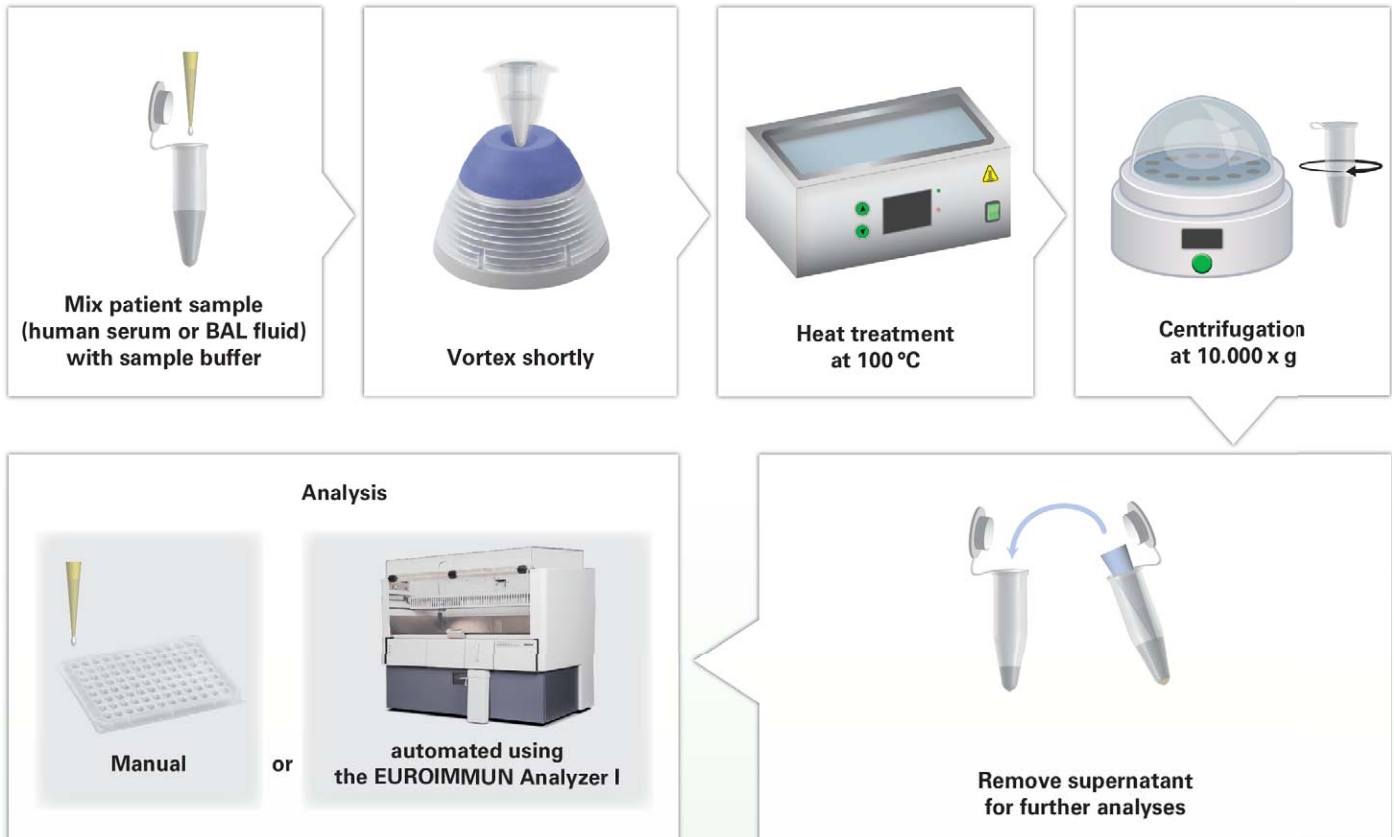
- ▶ Monoclonal antibody for the detection of galactomannoproteins which are secreted during active fungal growth
- ▶ Antigen detection in serum and bronchoalveolar lavage (BAL) fluid
- ▶ Semi-automated processing using the EUROIMMUN Analyzer I
- ▶ Optionally quantitative or semi-quantitative evaluation
- ▶ Sensitivity and specificity comparable with the Platelia Aspergillus Ag (Bio-Rad)*

* *J Clin Microbiol*, Apr 2019



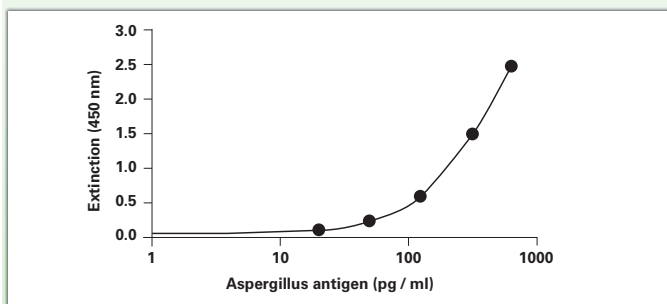
Test characteristics of the Aspergillus Antigen ELISA (Order no. EQ 6911-9601)

Sample preparation and analysis



Only for information purposes. Only the test instruction is relevant for test processing!

Evaluation



- ▶ Semi-quantitative evaluation (cut-off: ratio 0.50)
- ▶ Quantitative evaluation in pg/ml
- ▶ Automated evaluation possible using the EUROIMMUN Analyzer I

Benchmarking¹

	EUROIMMUN ELISA (Cut-off: ratio 0.40 [*])	Bio-Rad Platelia Aspergillus-Ag-ELISA (Cut-off: ratio 0.50)
Sensitivity	56%	47%
Specificity	97%	99%

^{*} Deviating from the cut-off recommended by the manufacturer

- ▶ Retrospective study with 43 IA patients (according to EORTC/MSG guideline)² and 77 persons without IA
- ▶ Positive predictive value: 90%
Negative predictive value: 88%
- ▶ Higher sensitivity with comparable specificity

¹ J Clin Microbiol, Apr 2019 ² IA confirmed in 39 patients, likely in 4 patients