

TECO[®] Fast Aspergillus Galactomannan Ag Lateral Flow Assay



Detection of Aspergillus galactomannan antigen for the rapid diagnosis of Invasive Aspergillosis (IA)

The mortality rate of Invasive Aspergillosis ranges from 60 to 100 % without timely treatment, thus prompt determination of galactomannan antigen may be essential.

- Lateral flow assay in combination with fluorescence detection
- Validated for serum and BAL samples
- Simple sample preparation and 20 minutes incubation on test cassette
- Automatic measurement on FIC-Q100N reader with calculation of index values
- Flexible workflow with and without incubation on board
- Transmission of results to internal printer, Excel file and LIS system
- > 93 % coincidence with established ELISA tests
- **Performance data**
 - Cutoff Index 0.5: negative < 0.5 > positive
 - Sensitivity: 90.43 % (Serum); 92.4 % (BAL)
 - Specificity: 97.66 % (Serum); 95.5 % (BAL)
 - Limit of detection: 1 ng/ml (Serum and BAL)

Clinical Performance in direct comparison – University Hospital Bonn

Clinical samples were tested with the BioRad Platelia Galactomannan ELISA and the TECO *Fast* Galactomannan LFA at the University of Bonn, Dept. for med. Microbiology, Immunology and Parasitology, and the results were compared. Furthermore, samples were also evaluated by culture, PCR or the patient’s clinical diagnosis.

General agreement of the diagnostic outcome of 93 %

- For BAL samples: 32/37 = 86 %
- For serum samples: 46/48 = 96 %
- For tracheal secretion: 8/8 = 100 %
- Correctness of the diagnostic statements:

	BioRad Platelia	TECO <i>Fast</i>
BAL		
False positive	2	1
False negative	3	1
SERUM		
False positive	1	1
False negative	2	2
TRACHEAL SECRETION		
False positive	0	0
False negative	0	0



TECO®*Fast* Aspergillus Galactomannan Ag **Lateral Flow** Assay

- 50 tests, incl. positive and negative control solutions
- Catalog number: TE 1069

Für weitere Informationen wenden Sie sich bitte an:
 For further information please contact:
 Pour plus d'information, veuillez contacter:

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