

TECO[®] Fast Fungus (1-3)- β -D-Glucan Lateral Flow Assay



Detection of (1-3)- β -D-Glucan as an aid for the rapid diagnosis of an invasive fungal infection

(1-3)- β -D-Glucan (BDG) is an established universal marker for the early detection of invasive and life-threatening fungal infections. The TECO *Fast Fungus* BDG Lateral Flow Assay is an immunological – and therefore non-kinetic assay for the determination of BDG and is part of a comprehensive, almost complete mycological panel for use with the FIC-Q100N reader of the TECOmedical Group.

The assay is quick and easy to perform, requiring only two reagents to be added, with results available within 20 minutes. Repeated testing of high-risk patients, as recommended in the literature, can be calculated in terms of price thanks to the single test format and is not dependent on other sample volumes.

- Lateral flow assay in combination with fluorescence detection
- Validated for serum and BAL samples
- No standards or calibrators required
- Quantitative measurement of BDG concentration (pg/mL) on FIC-Q100N reader
- Part of a comprehensive mycological panel – based on BDG, additional assays can be performed directly on the same analyzer
- Dynamic measuring range, spanning from 37.5 pg/mL to 1200 pg/mL
- Results can be transferred to the internal printer, an Excel file and the LIS system
- The total coincidence rate of the TECO[®] *Fast Fungus* (1-3)- β -D-Glucan Lateral Flow Assay with a reference method (kinetic assay) is 97.8 %

Sample treatment and test procedure

Test procedure

- > 90 µL serum/plasma + 90 µL Sample Treatment Solution A
- > Vortex for 10 seconds
- > Add 90 µL Sample Treatment Solution B
- > Vortex for 10 seconds
- > Dispense 90 µL on the sample pad of the test cassette
- > Incubate for 15 minutes
- > Read and record the results with the FIC Q100N analyzer (10 sec.)

Pre-set cut-off values

- Positive: > 100 pg/ml
- Negative: < 80 pg/ml

TECO® Fast Fungus

(1-3)-β-D-Glucan Lateral Flow Assay

- 50 tests, including Positive and Negative Control Solutions
- Catalogue number: TE 1088



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

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