

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 a cell wall component of many fungi and an established universal marker for early detection of invasive and life-threatening fungal infections. The TECO® *Fast Fungus* BDG Lateral Flow Assay is an **immunological** assay for the determination of BDG in serum and plasma, and is part of a comprehensive, almost complete mycological panel for use with the FIC-Q100N analyzer.



- Fluorescence-based lateral flow assay designed for readout via analyzer
- Validated for serum and plasma samples
- No pyrogen-free plastic ware required
- Simple and fast: sample is mixed with 2 buffers, results in 20 minutes
- Objective results: automatic measurement and calculation of BDG concentration in pg/mL on analyzer
- Easy data management: transmission of results to internal printer, LIS system or as Excel file



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Human serum or plasma samples are tested for (1-3)- β -D-glucan by a lateral flow assay using double antibody sandwich fluorescence immunochromatography.

The first non-kinetic BDG assay is quick and easy to perform, requiring only two reagents to be added, with results available within 20 minutes. It offers a low risk of contamination as it does not detect pyrogens. Due to the easy handling and the simple equipment, repeated testing of high-risk patients, as recommended in the literature, can easily be done and can be calculated in terms of price thanks to the single test format, which is not dependent on other sample volumes.

Test procedure

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



Performance data

- Positive coincidence rate: 96.67%
- Negative coincidence rate: 98.67%
- Cut-off values: negative < 80 pg/mL; positive > 100 pg/mL
- Limit of detection: 35 pg/mL

 Please consult instructions for use for full information

Product name: TECO® Fast Fungus (1-3)- β -D-Glucan Lateral Flow Assay

Catalogue number: TE1088

Kit content: 50 cassettes + controls

UDI-DI: 6930317801462

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