

# TECO® *Fast Candida Mannan* *Antigen & Candida IgG* *Antibody Lateral Flow Assays*

Detection of *Candida* mannan antigen (Ag) and *Candida* IgG antibodies (Ab) in human serum samples as diagnostic indicators of invasive candidiasis

*Candida* spp. are the most frequent cause of invasive mycoses. Early detection and treatment provide a huge benefit to patient survival. Determination of antigen and antibody levels offers a fast and valuable addition to blood culture results, the clinical gold standard.



- Fluorescence-based lateral flow assays designed for readout via analyzer
- Validated for serum samples
- Combination of two parameters may increase the diagnostic significance<sup>1</sup>
- Simple and fast: 2 results within 40 minutes, obtained from one serum sample (305 µL)
- Objective results: analyzer calculates results in pg/mL (Ag) or AU/mL (Ab)
- Easy data management: transmission of results to internal printer, LIS system or as Excel file

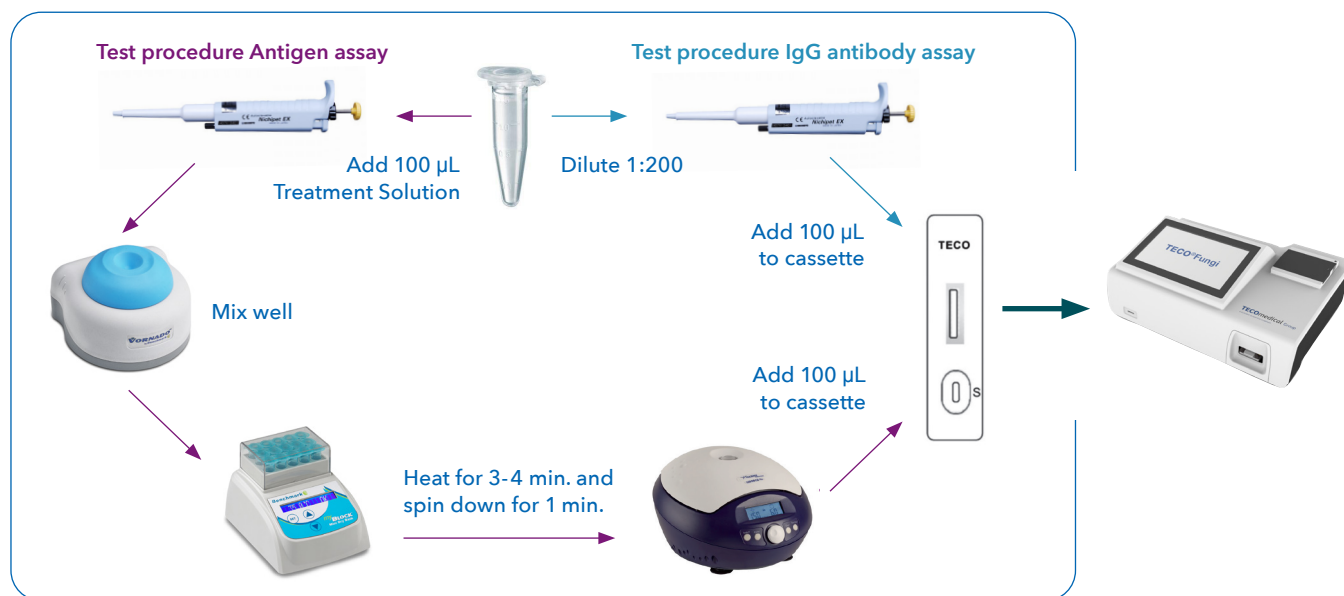
<sup>1</sup> Held et al., Comparison of (1-3)-beta-D-Glucan, Mannan/Anti-Mannan Antibodies, and Cand-Tec *Candida* Antigen as Serum Biomarkers for Candidemia, JCM 2013, doi:10.1128/JCM.02473-12



## TECO® Fast Candida Mannan Ag & Candida IgG Ab Lateral Flow Assay

Human serum is tested for Candida mannan antigen (double antibody sandwich fluorescence immunochromatography) and Candida IgG antibodies (capture fluorescence immunochromatography).

### TECO® Fast Candida LFAs test procedure



### Performance data

- Diagnostic sensitivity / specificity (Ag): 88.1% / 96.9%
- Positive / negative coincidence rate (Ab): 86.2% / 95.3%
- Limit of detection - antibody: 7 AU/mL, cut-off value of 135 AU/mL
- Limit of detection - antigen: 21.5 pg/mL, cut-off value of 60 pg/mL

Please consult instructions for use for full information

**Product name:** TECO® Fast Candida Mannan Antigen Lateral Flow Assay  
**Catalogue number:** TE1081  
**Kit content:** 50 cassettes + controls  
**UDI-DI:** 7640146270146

**Product name:** TECO® Fast Candida IgG Antibody Lateral Flow Assay  
**Catalogue number:** TE1083  
**Kit content:** 50 cassettes + controls  
**UDI-DI:** 7640146270160

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