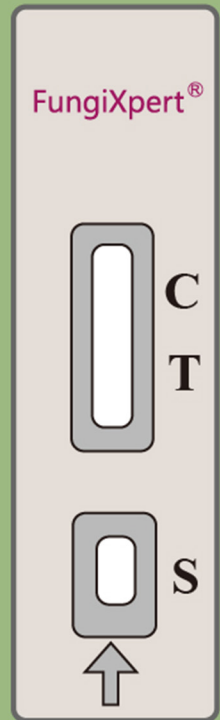




喜诺
Genobio



FungiXpert[®]

Candida Mannan Detection K-Set (Lateral Flow Assay)

Product Code: FM025-003 / FM050-003

Obtain result in 10min



Overview

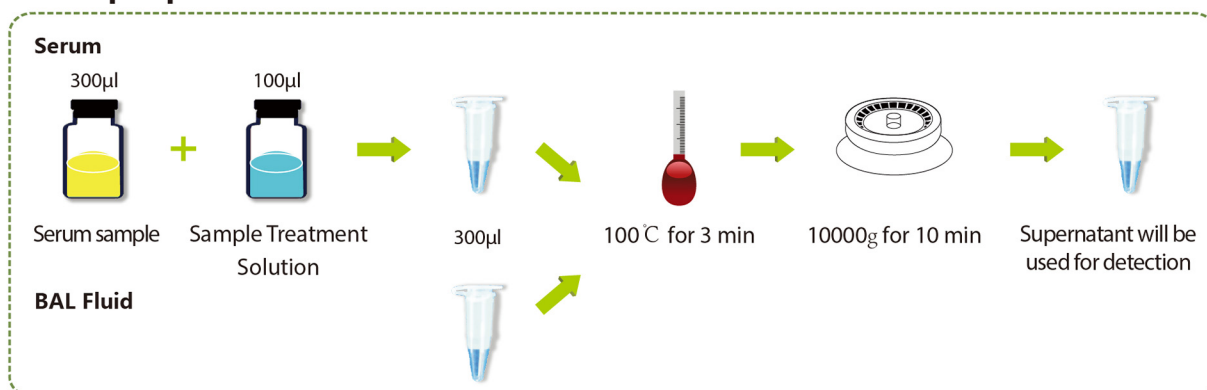
Despite advances in antifungal therapy, the mortality associated with invasive candidiasis remains as high as 40%. And with the wide application of antibiotics, immunosuppressants and corticosteroids in clinical practice, the incidence of invasive candidiasis is increasing year by year. Invasive fungal infection invades the organs and causes systemic infection. Mannan is a component of the cell wall of *Candida albicans* and filamentous fungi. Systemic fungal infection lacks specific clinical symptoms and early rapid detection methods. Our products use colloidal gold immunochromatography technology to detect mannan antigen in human serum and bronchoalveolar lavage (BAL) fluid, providing a rapid and effective auxiliary aid for the diagnosis of susceptible populations.

Product Characteristics

Basic Parameters	Candida Mannan Detection K-Set (Lateral Flow Assay)
Method	Lateral Flow Assay
Sample Type	Serum, BAL fluid
Specification	25 tests/Kit, 50 tests/Kit
Detection Time	10 min
Detection Objects	<i>Candida spp.</i>
Stability	The K-Set is stable for 2 years at 2°C-30°C
Limit of Detection	0.5 ng/ml
Sensitivity	Serum: 91.7% BAL fluid: 92.2%
Specificity	Serum: 99.2% BAL fluid: 99.4%

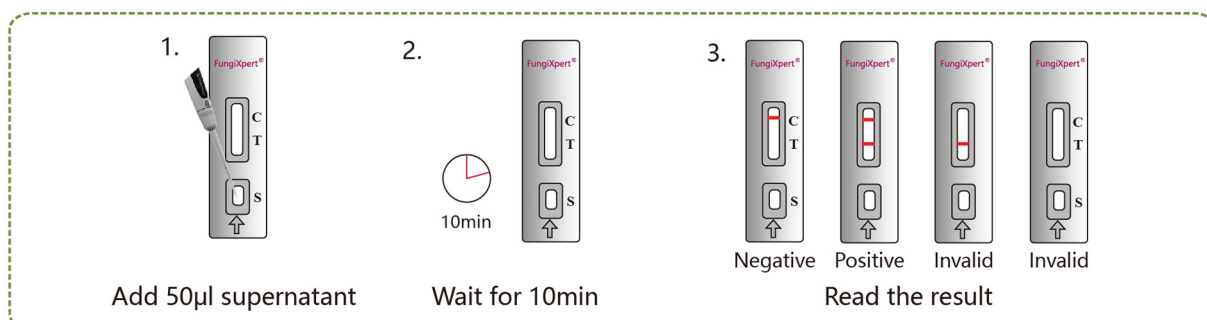
Operation Method

1. Sample pre-treatment

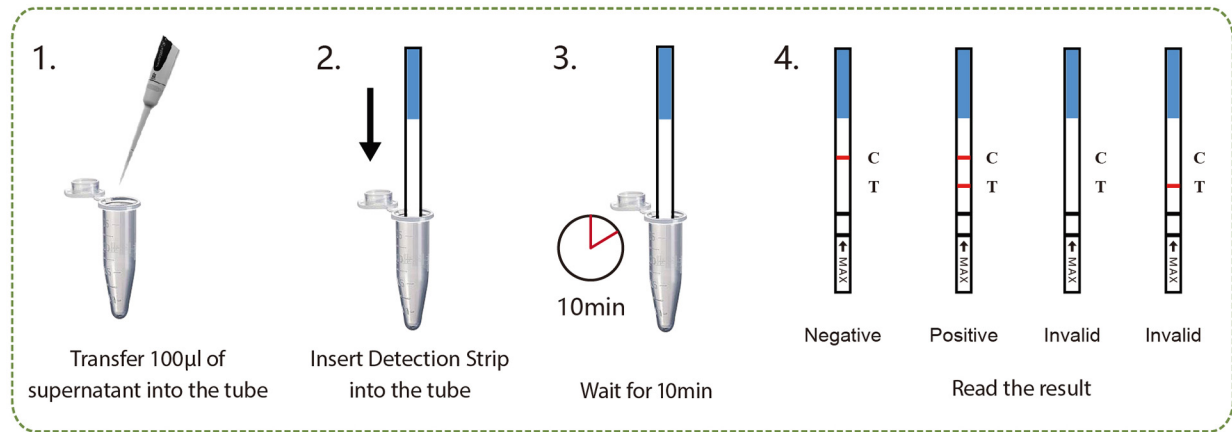


2. Detection — For qualitative test

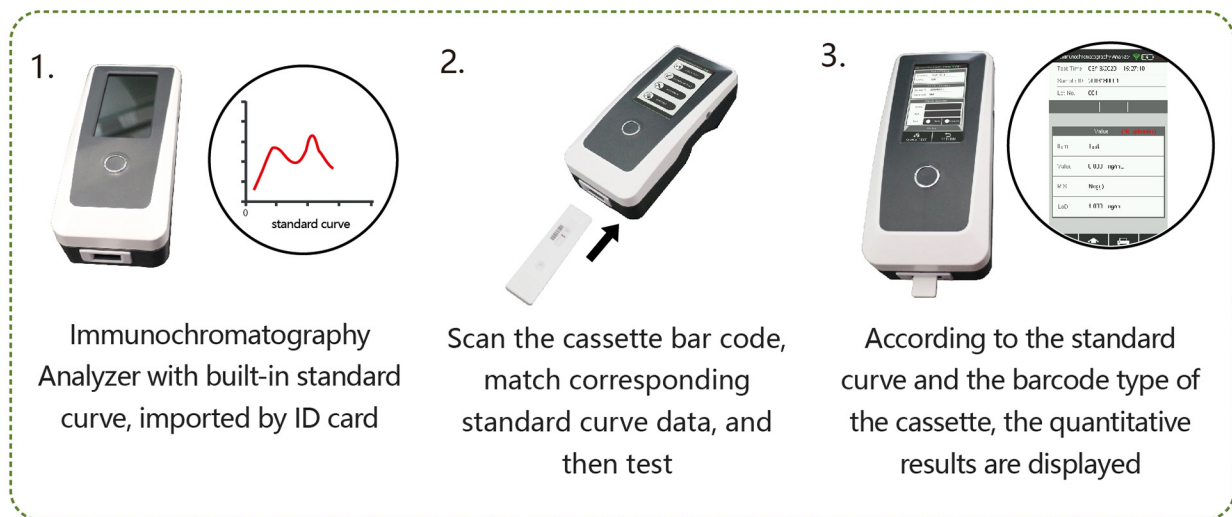
Cassette format (25 Tests/Kit)



Strip format (50 Tests/Kit)



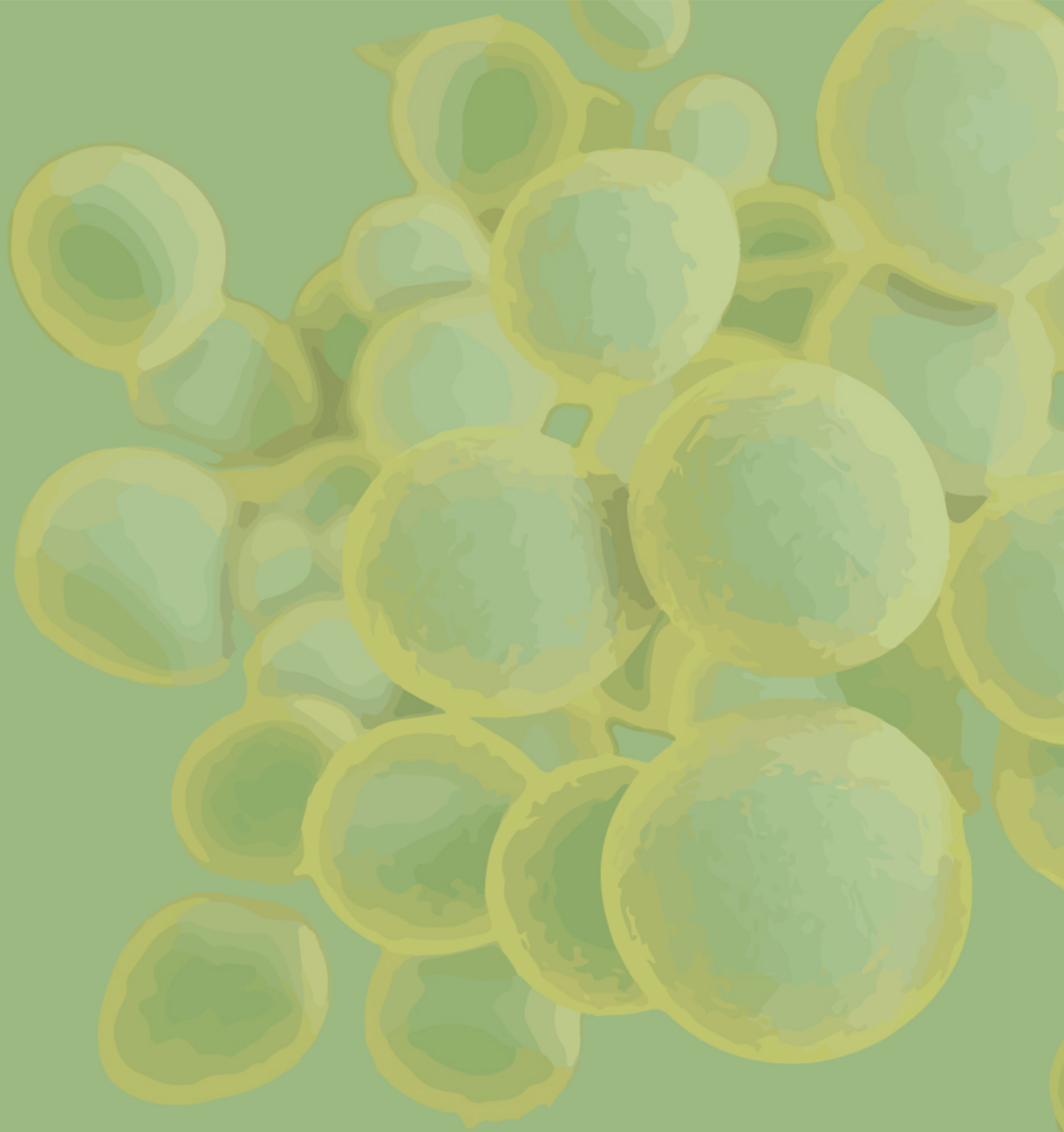
3. Detection — For quantitative test



Features

- **Early**
Obtain results within 10 min, early before the culture results about 6 days for Candidaemia
- **Simple**
Easy to use, ordinary laboratory staff can operate without training
- **Intuitive result**
There is no need for calculation, visual reading result
- **Economic**
Product can be transported and stored at room temperature, reducing costs
- **Recommended by ESCMID**
Summary of recommendations by Candida disease, specimen and test evaluated

Disease	Specimen	Test	Recommendation	Level of evidence
Candidaemia	Blood/Serum	Mannan/anti-mannan	Recommended	II
Chronic disseminated candidiasis	Blood/Serum	Mannan/anti-mannan	Recommended	II



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