



FungiXpert<sup>®</sup>

**Cryptococcal Capsular Polysaccharide  
Detection K-Set ( Lateral Flow Assay )**

**Obtain result in 10min**



## Overview

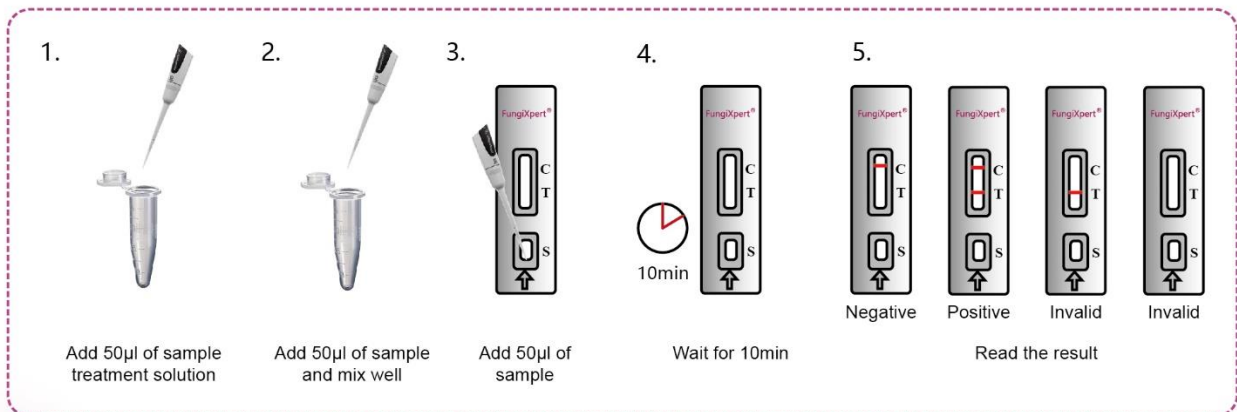
Cryptococcal infection occurs in several parts of the body, most commonly in the central nervous system, lungs, skin, etc. This product is used for qualitative or semi quantitative detection of cryptococcal capsular polysaccharide antigen in serum or CSF, the K-Set is mainly used in the clinical diagnosis of cryptococcal infection.

## Product Characteristics

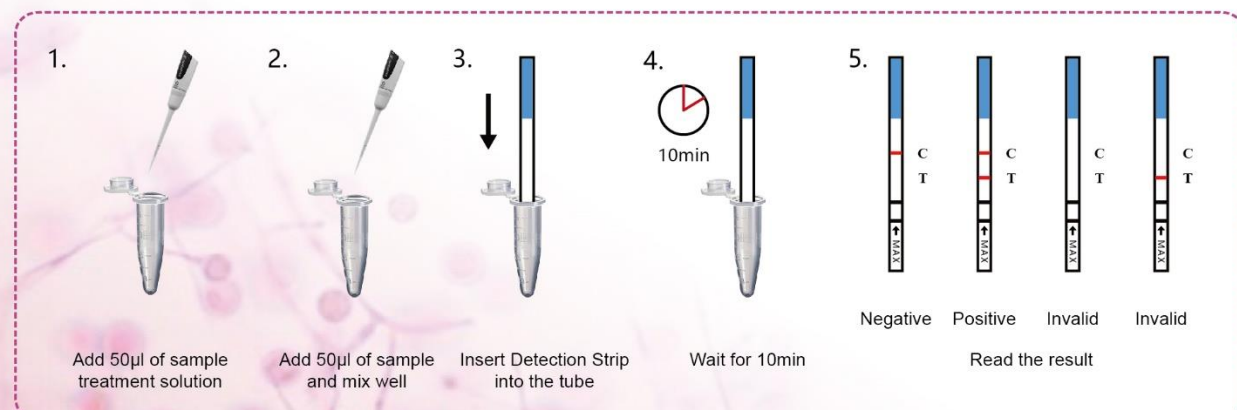
Basic Parameters	Cryptococcal Capsular Polysaccharide Detection K-Set (Lateral Flow Assay)	
Specification	25 Tests/Kit	50 Tests/Kit
Method	Lateral Flow Assay	
Sample Type	CSF, Serum	
Detection Time	10 min	
Detection Objects	<i>Cryptococcus spp.</i>	
Stability	The K-Set is stable for 2 years at room temperature	

## Operation Method

### Cassette type (25 Tests/Kit)



### Strip type (50 Tests/Kit)



## Risk Patients

HIV patients

Organ transplant recipients

Diabetes patients

ICU patients

Cancer patients

Leukemia patients

## Assay Advantages

**Rapid:** Obtain result within 10min

**Easy to operate:** Without complex sample pretreatment processing, just 4 steps

**Intuitive result:** Visual reading results

**High sensitivity and good specificity**

**Early detection:** Reduce drug abuse

## Clinical Performance

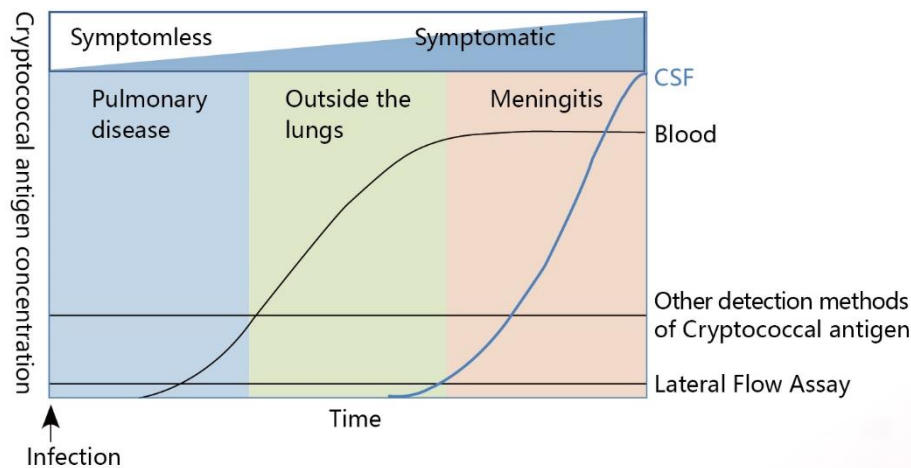
- **Low detection limit**

The low detection limit is 0.5 ng/ml.

- **Sensitivity and specificity**

	Serum	CSF
Sensitivity	99.1%	99.4%
Specificity	99.8%	99.9%

- **Methodology Comparison**



Adapted from Kozel and Bauman, Expert Opin. Med. Diagn. (2012) 6:245

- **Cross-reaction analysis**

The product does not react with (1-3)- $\beta$ -D-glucan, *Candida Albicans* mannan, *Aspergillus* galactomannan.

- **Note**

This product can detect all the *Cryptococcus* serotypes, the corresponding serotypes are *Cryptococcus neoformans* (serotypes A&D) and *Cryptococcus gattii* (serotypes B&C), respectively.



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