

MYCOTOXIN POCT FLUORESCENT QUANTITATIVE DETECT SOLUTION

Principle

The kit uses fluorescence quantitative immunoassay technology, where the C line and T line on the detection card are pre-coated in the reaction zone. The fluorescence signal ratio between the T line and C line is inversely proportional to the target substance content in the sample. Quantitative measurement of the target substance content is achieved by comparing it with a standard curve built into the compatible fluorescence immunoassay analyzer.



Feature



Quantitative Determination

Based on immunofluorescence analysis, it provides specific values, upgrading from qualitative to precise quantitative analysis.



Sensitive and Accurate

High sensitivity with detection limits at the ng level, and some products reaching pg levels, with results highly consistent with HPLC.



Fast and Simple

From sample extraction to result detection in just 10 minutes, with no professional training required.

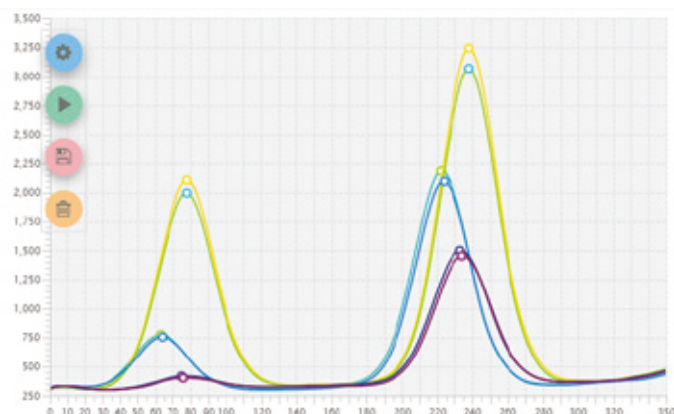


Low Testing Cost

No expensive equipment required, suitable for on-site testing, portable, room temperature storage, and low transportation costs.

Technical Parameters

Test Item	Detection Limit	Detection Range
Aflatoxin B1 (AFB1)	1µg/kg	0-250µg/kg
Total Aflatoxin (AFT)	1µg/kg	0-300µg/kg
Zearalenone (ZEN)	5µg/kg	0-2500µg/kg
Deoxynivalenol (DON)	100µg/kg	0-15000µg/kg
Ochratoxin A (OTA)	1µg/kg	0-250µg/kg
Fumonisin B1 (FB1)	250µg/kg	0-50000µg/kg
T-2 Toxin (T2)	10µg/kg	0-2500µg/kg



Operation Overview



SHENZHEN FINDER BIOTECH
MORE THAN 12 YEARS OF RESEARCH & PRODUCTION EXPERIENCE



4000+m²
GMP Clean Room



12yrs+
Research &
Production experience



30+
Qualifications & patents



ISO9001
Quality Management
System Certification



ISO 9001:2015 Certificate, High-Tech Enterprise Certificate, Veterinary Drug GMP Certificate, Veterinary Drug Production License, etc.



GMP cleanroom equipped with production line equipment of ELISA, lateral flow immunoassay, and fluorescent quantitative detection, meeting global market demands for related testing products.