

Aflatoxion B1 Test Kit

Cat No.:T19016

Introduction

It is based on the colloidal gold competition method to detect the residues of Aflatoxion B1 in food, feed ingredients and some finished feeds through specific antigen-antibody reaction. It is suitable for various enterprises, testing institutions and supervision departments detection.

The Detection Limit : 5~10ppb

Can detect sample

Grain, Feeding, Parts of finished Feeding

Kit Components

1. Test Strips, 12 pack, each pack 8 strips, 8pcs red reagent
2. 8pcs white microwells/pack
3. Manual Instruction

Components Required, But Not Provided

1. Weight Scale (Accuracy above 0.1g)
2. **200 μ L** Pipette
3. 50ml centrifuge tube
4. Ethanol (analytical grade), pure water
5. Vortex instrument, Timer

Storage

At 4~30°C, out of sun light & moisture, sealed, do not freeze.

Solution Prepare

50% ethanol-water solution: 50mL ethanol (analytical grade) + 50mL pure water

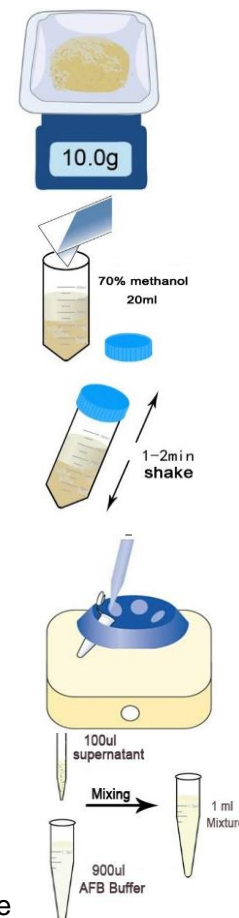
Sample Preparation

Prepare the sample, and the sample should be in room temperature, no need to heat or refrigerate.

1. Weight $0.5\text{g} \pm 0.05\text{g}$ **grain sample** into centrifuge tube. (Strong water absorption feed, such as Bran, Cotton aphid, Cottonseed etc. Weight 2.5g sample)
2. Add sample into centrifuge tube, mixing with 20ml 50% methanol Pure water.
3. Shake up and down the tube for 2 mins
4. Wait for 10mins, take the supernatant liquid. The Supernatant liquid is the sample liquid.

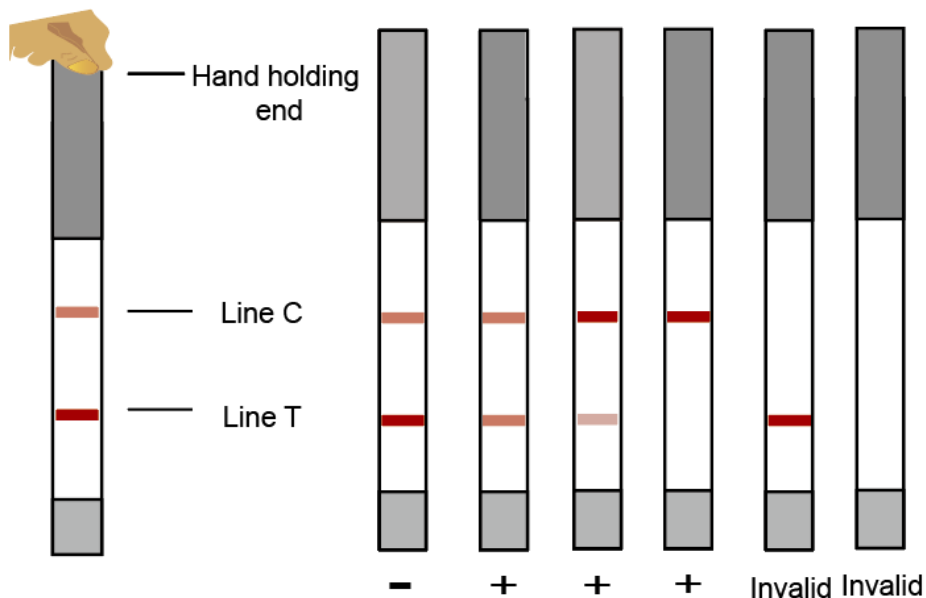
Test Procedure

1. Take out the strips for assay. The unused test kit must be sealed and out of sunlight and moisture. Let the sample liquid turn to 20°C-25°C.
2. Drop 200ul sample liquid into the white microwell, Use pipette pipetting up and down at least 6times, mix the liquid completely.



A. Reading the Results

Results must be read within 5 minutes



Negative: T line stronger than C line.

Positive: Other results are positive.

Invalid: Only **T** line appear or no **C** line.

LOD: 1mg/kg (mg/kg=ppm)

Precautions and Warnings

1. Make sure let the strips turn to room temperature then for use.
2. Use the strips in the shelf time.
3. Keep the kits in sealed when do not use.
4. The kit is single-use, do not reuse.
5. This method is a screening method. If there is a positive sample, please confirm it by confirmatory method.

Shelf Life

12 months

Ballya International Limited

Add: 5th Floor, No.241, Shangye Rd, Huadu, Guangzhou, China. 510810

Tel: 86 20 39479163

www.ballyabio.com

info@ballyabio.com