

Aflatoxin M1 Test Kit

Cat. No. M1213; 96T/Kit
(50 – 500ppt Test)

Introduction

This kit is based on the specific reaction of antibody-antigen and immunochromatography. The Aflatoxin M1 in the sample compete for the antibody with the antigen coated on the membrane of the test strip. Then after a color reaction, the result can be observed.

Kit Components

1. Test Strip, 12 pack, each pack 8 strips.
2. 96-Well Tray
3. Sample-Well with Reagent 96 pieces
4. Manual Instruction

Components Required, But Not Provided

1. Sample Tube
2. Pipette

Storage

At 2~8°C, out of sun light & moisture, sealed, do not freeze

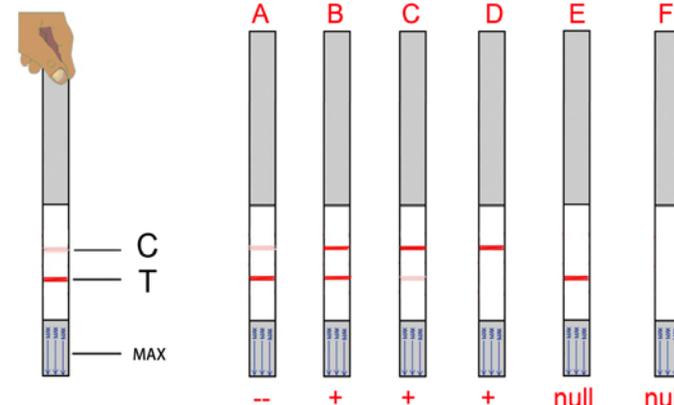
Milk Sample Information

1. Raw, commingled cow milk
2. The milk has no precipitation or clotted.
3. The temperature of milk should be at room temperature, No need to heat or refrigerate.
4. Thoroughly mix with the reagent before testing.

Test Procedure

1. Read the manual instruction before testing. Be sure the raw or commingled milk and test kit in room temperature. (**Note:** the milk must be fresh and has no precipitation or clot)
2. Open the pack, take out the test strip and sample-well, use it within 1 hour. The unused test strip must be sealed and out of sunlight and moisture.
3. Take the sample milk, drop 200ul into the Sample-Well, sufficiently dissolve the milk with reagents in 5 minutes .
4. Insert the test strip into the Sample-Well, after 5 minutes, read the results.

Interpretation of Test Results



A. Reading the Results

Results must be read within 5 minutes.

< 50ppt Negative (-):

Two lines appear, T line more clearer than C line (ref. A result)

50-500ppt Positive (+):

Two lines appear, C line more clear than T line, or two lines in same/similar color (ref. B & C result)

> 500ppt Positive (+):

Only C line appear (ref. D result)

Invalid: C line invisible, or no lines appear (ref. E & F results)

If the result is the Presumptive Positive, reread the results after 10 minutes, or repeat the assay.

- B. If need to keep the result in record, must cut out of the Sample Pad (**MAX**), dry the strip and storage.
- C. **C** line is a quality indicator and always appear in testing. If **C** line do not appear, please repeat the assay with a new strip.

Precautions and Warnings

- 1. Do not mix sample tubes and devices from different lot numbers
- 2. Do not use kits past their expiration dates.
- 3. Do not touch the field of control/test line, while testing.
- 4. Keep the kits in sealed when do not use.
- 5. The kit is single-use, do not reuse.

Shelf Life

12 months

Operation Instruction

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

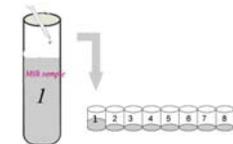
- 1. Take out the strip, prepare the reagents.



- 2. Add 5~7 drops milk to a well, and use pipette sufficiently dissolve with reagents in 5 minutes.



- 3. Insert the test strip (Sample Pad) into the Well.



- 4. After 5 minutes, read the results.



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