

Melamine Rapid test strip(Milk powder, feed)

Catalog No. LSY-20003

Product Description

1. Introduction

This test card is to detect the melamine residue in milk powder, feed. The whole test procedure only need 10 min, high sensitivity and easy to operate.

2. Detection limit:

Milk powder, feed: 500ng/g (500ppb)

3. Contents (50 tests/kit)

- 1) Test cassette 50 pieces
- 2) Manual 1 piece
- 3) Dropper 50 pieces
- 4) Desiccant 1 piece/bag
- 5) Disposable glove 10 pieces

4. Materials required but not provided

- 1) Equipments: Balance, micropipettes (optional), vortexed device (optional),
- 2) Consumables: 10ml/15ml/50ml centrifuge tubes, graduated pipettes, Disposable tips (optional)

5. Sample preparation

5.1 Milk powder

Take $1g \pm 0.05g$ milk powder sample into 10ml/15ml/50ml centrifuge tubes, add 5ml deionized water, shake violently for above 2 min, making milk dissolved in deionized water completely, then directly absorb the solution to test.

5.2 Feed

Weigh $1g \pm 0.05g$ grinded feed sample into 10ml/15ml/50ml centrifuge tubes, add 5ml deionized water, shake violently for above 2 min, put aside for 5~10 min, absorb the supernatant to test.

6. Operation procedures

- 1) Return the test card and sample into room temperature.
- 2) Open the aluminum package. Then take out the test cassette, use it in 1 hour.
- 3) Put the test card in flat, use the provided dropper to obtain the sample. Drop 2~3 drops (about 80 μ L) in the sample collect region.
- 4) React for 3~5 min, read the result. The result is valid in 10 min.

7. Test Result Interpretation

- 1) Negative (Rac < 500 ppb): Both C line and T line is visible; it means there is no melamine residue or the residue is lower than 500ppb.
- 2) Positive (Rac > 500 ppb): T line is invisible and only C line is visible; it means the melamine residue is higher than 500ppb.
- 3) Invalid test: If C line does not show which means the test cassette is out of efficacy, out of date or improper operation. Please run the test again using another package. If the invalid tests keep happening, please contact the local distributor.

8. Specificity

This product has no cross-reaction with streptomycin, tetracycline, sulfonamide, quinolone and other types of drugs.

9. Precautions

- 1) The test card can be used only once at room temperature, do not use test card out of expiry date.
- 2) Every test cassette and dropper is single use only, to avoid cross pollution.
- 3) Do not touch the white membrane surface in the middle of test card, avoid sunlight and fan blowing directly.
- 4) Tap water, distilled water or deionized water can not be taken as negative control sample.
- 5) Use this card to test again when get positive result
- 6) Because of sample difference, some test line may appear light or grey color, but only red color appear, it can be judged as Negative.

10. Storage and expiry date

Storage: Store at 4-30°C in dark, sealed, dry place, no frozen.

Expiry date: 12 months; date of production is on box.

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