



Melamine rapid test strip (for milk and fresh milk)

Catalog No. LSY-20003

1. Brief

This product is used for testing Melamine residue in milk、fresh milk sample. The total test time only need 5 mins. High sensitivity, easy to operate.

2. Specifications: 50 tests/kit

Detection limit:

Milk、Fresh milk: 80 ppb

3. Storage and expiry date

Storage: Store at 4-30 °C in dark

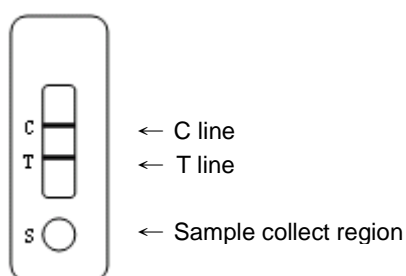
Expiry date: 12 months; date of production is on box.

4. Principle

The **Melamine** rapid test strip is an immuno-chromatographic test, using colloidal gold immunoassay method. It relies on the competition between Melamine residues in the sample and the Melamine immobilized on T line on the membrane for the Melamine antibody-dye conjugate. Since the drug has been presenting in the sample, it will compete with the drug immobilized on T line, to the limited amount of dye-antibody. As a sufficient amount of drug in the sample is presenting, the drug will saturate the antibody. Consequently, it will show an extremely light or even invisible T line, indicating a positive result. On the other hand, if there is a negative sample (or the amount of the drug is lower than the minimum detectable concentration), it will generate two obvious lines in both the T and C line section.

5. Contents

- 1) Test cassette 50 piece
- 2) Manual 1 piece
- 3) Dropper 1 piece/bag



6 Operation procedures

6.1 Take necessary strips on desk.

6.2 Drop 3-4 drops of sample(about 80 uL) in the Sample collect region.

Note: Do not drop the sample directly to the test result region. It will affect the result.

6.3 Wait for 5 min to read the result.(It's valid in 30 minutes)

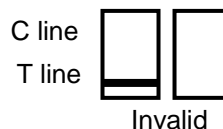
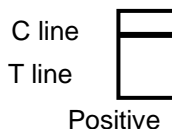
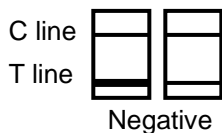
7 Test Result Interpretation

7.1 Negative: Red T line appears (whether the color is dark or light).



7.2 Positive: Red T line is invisible.

7.3 Invalidation: C line isn't seen wine red.



8 Precautions

- 1) The test card can be used only once at room temperature
- 2) Use this card to test again when get positive result
- 3) Every test cassette and dropper is single use only. Please do not reuse.
- 4) Do not touch the white membrane surface in the middle of test card
- 5) If the Chromatography climb speed is too slow, can jump the down corner of card to fast it
- 6) Vertical add 3 drops to the sample collect hole, if results appear too slow, can appropriately add another 1-2 drops

Shenzhen Lvshiyuan Biotechnology Co., Ltd

D Building, National Biological Industrial Park of Marinelife, No.2 Binhai Road, Dapeng,
Longgang, Shenzhen, 518120 China

Tel. 86-755-28938075

Fax 86-755-28938800

Email: bella.lsybt@gmail.com lsy@lsybt.com

www.lsybt.com
