

Melamine Rapid test kit (Milk)

Cat. No. Kit-1906 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

The Melamine rapid test is one kind of easy, friendly use, and short operation procedure which only needs 10 minutes diagnostic kit. The main mechanism of this diagnostic kit is as the followings: it is based on the specific immuno-chemical reactions between antigen and antibody. It relies on the competition between Melamine residues in the sample and the Melamine immobilized on T line on the membrane for the Melamine mono&poly-clone 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, 0.5 ppm), it will generate two obvious lines in both the T and C line section.

Description

Melamine is one kind of important and popular chemical for plastic production. And it has been found popularly used in food processing because Melamine can present false-"high protein content" recently. Therefore, the Melamine residue in food lead to great threat for human health, and also caught many countries and their national food safety institutes" attention.

Kit Components

1. Test cassette 2. Desiccant 3. Dropper 4. Dropping bt. with sample buffer

Compatible Sample Types

Milk

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Features & Benefits

• No instrumentation required • High specificity • High sensitivity • Highly reproducibility • Quick results

Sensitivity

Sample Sensitivity (ppm) Raw milk 0.5

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