Chloramphenicol Rapid test kit (Milk)

Cat. No. Kit-1900 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Chloramphenicol chromatographic diagnostic kit is based on the specific immuno-chemical reactions between antigen and antibody. It relies on the competition between Chloramphenicol residues in the sample and the Chloramphenicol immobilized on T line on the membrane for the Chloramphenicol 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, 0.3 ppb), it will generate two obvious lines in both the T and C line section.
Description	Chloramphenicol (CAP) is a broad spectrum antibiotic. It is commonly used for treating many kinds of disease of domestic fowl because of its efficiency and low price. However, using chloramphenicol will inhibit the hematogenesis function of bone marrow, moreover, it causes induces aplastic anemia and agranulocytosis. Recently, the Chloramphenicol residues in food threaten the health of human has been severely.
Kit Components	1. Test cassette2. Desiccant3. Dropper4. 10X Sample buffer
Compatible Sample Types	Milk
Features & Benefits	• No instrumentation required• High specificity• High sensitivity• Highly reproducibility•

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	Quick results
Sensitivity	0.3 ppb of milk sample

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