

Product information

Product name: anti-Chloramphenicol pab ELISA-Stick with test reagents

Product number: EC-4

Package size: 5 tests

General Description: Chloramphenicol is a bacteriostatic antimicrobial originally derived from the bacterium *Streptomyces venezuelae*. It was the first antibiotic to be manufactured synthetically on a large scale, and alongside the tetracyclines, is considered the prototypical broad-spectrum antibiotic. Chloramphenicol is effective against a wide variety of Gram-positive and Gram-negative bacteria, including most anaerobic organisms. The most serious adverse effect associated with chloramphenicol use is bone marrow toxicity, which may occur in two distinct forms: bone marrow suppression, which is a direct toxic effect of the drug and is usually reversible, and aplastic anemia, which is idiosyncratic (rare, unpredictable, and unrelated to dose) and generally fatal.

Principle: The *Chloramphenicol detection reagent set* is sensitive and easy to handle test for the detection of Chloramphenicol. The test can be carried out without sample preparation or pre-incubation. Since the test does not require any labour equipment, it is especially suitable for analysis on the spot.

Sensitivity: Detection limit 1 ng

Sample size: max. 1 ml

Assay sample type: any sample

Detection time: 1.5 h

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