

### Product information

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

**Product number:** EC-5

**Package size:** 10 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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