

Product information

Product name: Florfenicol ELISA-Test Kit

Product number: EF-1

General Description: Florfenicol (FFC), a fluorinated chloramphenicol derivative, is exclusively used in veterinary medicine.

Principle: This test kit is based on the competitive enzyme immunoassay for the detection of florfenicol in the tissue (chicken, pork), fish, shrimp, honey. The coupling antigen is pre-coated on the micro-well stripes. The florfenicol in the testing sample competes with the coupling antigen pre-coated on the micro-well stripes for the antibody against florfenicol. After the addition of the enzyme conjugate, the TMB substrate is added for coloration. The optical density (OD) value of the testing sample has a negative correlation with the content of florfenicol in it. This value is compared to the standard curve and the content of the corresponding florfenicol is subsequently obtained.

Specifications

Format: 96 wells/kit (12 strips with 8 removable wells each)

Sensitivity: 0.5 ppb

Detection limit: honey – 1.5 ppb; meat, liver, shrimp, fish – 0.5 ppb

Crossreaction rate: florfenicol 100%, thiamphenicol - 0.1%, chloramphenicol - 0.1%

Sample processing time: animal tissue, aquatic product, honey – 30 min.

Detection time: 80 min.

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