

Product information

Product name: Olaquinox ELISA-Test Kit

Product number: EO-1

General Description: Olaquinox is an antibacterial added to animal feedstuffs as a growth promoter. The addition of Olaquinox is forbidden in Germany since 1999.

Principle: This test kit is based on the competitive enzyme immunoassay for the detection of Olaquinox in the feed, urine, liver, meat, shrimp, fish. The conjugate antigen is pre-coated on the micro-well stripes. The Diethylstilbestrol in the sample competes with the conjugate antigen pre-coated on the micro-well stripes, to interact with the antibodies against Olaquinox. After the addition of the enzyme conjugate, the TMB substrate is added for coloration. The optical density (OD) value of the sample has a negative correlation with the content of Olaquinox in the sample. This value is compared to the standard curve and the content of the corresponding Olaquinox is subsequently obtained.

Specifications

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

Sensitivity: 1.0 ppb

Detection limit: Shrimp, fish - 2 ppb; pork, liver, chicken - 2 ppb; feed - 100 ppb

Crossreaction rate: Olaquinox - 100%, carbadox - 5%

Sample processing time: tissue – 40 min, feed – 45 min.

Detection time: 125 min.