

Product information

Product name:	Tylosin ELISA-Test Kit
Product number:	ET-4
General Description:	Tetracyclines are a group of broad-spectrum antibiotics whose general usefulness has been reduced with the onset of bacterial resistance.
Principle:	The GreenSpring™ Tylosin ELISA Test Kit is based on the competitive enzyme immunoassay for the detection of Tylosin in the meat and liver (chicken, pork), honey and so on. The enzyme conjugate is pre-coated on the micro-well stripes. The Chloramphenicol in the testing sample competes with the coupling antigen pre-coated on the micro-well stripes for the antibody against Tylosin. 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 Tylosin in it. This value is compared to the standard curve and the content of the corresponding Tylosin is subsequently obtained.

Specifications

Format:	96 wells/kit (12 strips with 8 removable wells each)
Sensitivity:	1.5 ppb
Detection limit:	Meat and liver - 3 ppb, honey 1.5 ppb
Crossreaction rate:	Tylosin – 100%
Sample processing time:	meat, liver – 20 min, honey 10 min
Detection time:	60 min.

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