

AP09851PU-L**Polyclonal Antibody to Tylosin / Tilmicosin - Ig Fraction****Alternate names:**

Fradizine, Micotil, Tylan, Tylocine

Quantity:

1 ml

Concentration:

7.62 mg/ml (U.V. abs)

Background:

Tylosin is an antibiotic of the macrolide class (same class as erythromycin). It is made naturally by the bacterium *Streptomyces fradiae* and acts to inhibit bacterial protein synthesis by inhibiting the 50S ribosome, a cellular structure only certain bacteria have and use to make internal proteins.

Host / Isotype:

Sheep / IgG

Immunogen:

Tylosin-BSA

Format:

State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures.

Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative.

Applications:

ELISA: 5.0 µg/ml

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody recognizes Tylosin/Tilmicosin.

Storage:

Store the antibody (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.