

AP09851PU-N**Polyclonal Antibody to Tylosin / Tilmicosin - Ig Fraction**

Alternate names:	Fradizine, Micotil, Tylan, Tylocine
Quantity:	0.1 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 <i>Streptomyces fradiae</i> 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.