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Datasheet for ABIN487946
anti-Virginiamycin antibody

Overview

Quantity:	1 mg
Target:	Virginiamycin
Reactivity:	Please inquire
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Virginiamycin antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Virginiamycin M-BSA
Isotype:	IgG
Purification:	Ig Fraction

Target Details

Target:	Virginiamycin
Abstract:	Virginiamycin Products
Target Type:	Chemical
Background:	Virginiamycin is an antibiotic registered for use in cattle, sheep, broiler chickens, turkeys, horses, pigs and horses. It is widely used as a growth promotant in growing pigs, broilers and turkeys or for reducing lactic acidosis in sheep and cattle or for preventing necrotic enteritis in broiler chickens. Another use of virginiamycin is for preventing laminitis, a condition in horses

Target Details

where the hooves become inflamed. Virginiamycin is a streptogramin antibiotic similar to pristinamycin and Quinupristin / Dalfopristin. It is a combination of pristinamycin IIA (Virginiamycin M1) and Virginiamycin S1. Virginiamycin is used in the fuel ethanol industry to prevent microbial contamination. It is also used in agriculture, specifically in livestock, to accelerate the growth of the animals and to prevent and treat infections. Synonyms: Ostreogrycin, Patricin, Pristinamycin, Staphylomycin, Stapyocine, Streptogramin, Vernamycin, Virginiamycin M1, Virginiamycin S1

Application Details

Application Notes: ELISA: 0.156 µg/mL
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 9.21 mg/mL (U.V. abs)

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

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

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