

**AP09852PU-L****Polyclonal Antibody to Virginiamycin - Ig Fraction****Alternate names:**

Ostreogrycin, Patricin, Pristinamycin, Staphylomycin, Stapyocine, Streptogramin, Vernamycin, Virginiamycin M1, Virginiamycin S1

**Quantity:**

1 ml

**Concentration:**

9.21 mg/ml (U.V. abs)

**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 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.

**Host / Isotype:**

Sheep / IgG

**Immunogen:**

Virginiamycin M-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:** 0.156 µg/ml  
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

This antibody recognizes Virginiamycin

**Storage:**

Store the antibody (in aliquots) at -20°C.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.