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AP09727PU-L Polyclonal Antibody to Flumequine - Ig Fraction

Alternate names: Apurone, Fantacin, Firestop, Flumequine, Flumigal, Flumiquil, Flumisol, Flumix, Imequyl

Quantity: 1 ml

Concentration: 10.15 mg/ml (U.V.abs @ 280nm)

Background: Flumequine is a synthetic chemotherapeutic antibiotic of the fluoroquinolone drug class used to treat bacterial infections. It is a first-generation fluoroquinolone antibacterial that has been removed from clinical use and is no longer being marketed. It kills bacteria by interfering with the enzymes that cause DNA to unwind and duplicate. Flumequine was used in veterinarian medicine for the treatment of enteric infections (all infections of the intestinal tract), as well as to treat cattle, swine, chickens, and fish, but only in a limited number of countries. It was occasionally used in France (and a few other European Countries) to treat urinary tract infections under the trade name Apurone. However this was a limited indication because only minimal serum levels were achieved.

Host / Isotype: Sheep / IgG

Immunogen: Flumequine-BTG

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

Specificity: This antibody recognizes Flumequine.

Add. Information: Chemical Formula: C14H12FNO3
Mol. Mass: 261.25 g/mol

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