

AP09699PU-N**Polyclonal Antibody to Dexamethasone - Ig Fraction**

Quantity:	0.1 ml
Concentration:	11.28 mg/ml (U.V. abs @ 280nm)
Background:	Dexamethasone is potent glucocorticoid anti-inflammatory agent which regulates T-cell survival, growth and differentiation. It is known by various trivial and systematic names including 9-alpha fluoro 16-alpha methylprednisolone. Dexamethasone is also used as an inducer of gene expression using a dexamethasone-inducible promoter system. In horse racing Dexamethasone is one of many steroids drugs which are prohibited but is commonly used in racing stables as a treatment for respiratory complaints.
Host / Isotype:	Sheep / IgG
Immunogen:	Dexamethasone(21)-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:	EIA: 0.5 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Dexamethasone. Cross-Reactivity: Dexamethasone: 100% Flumethasone: 50% Betamethasone: 43% Prednisolone: 1.7% Triamcinolone: 1.0% Cortisol: < 0.5% Cortisone: < 0.5%
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.