

Product datasheet for **AP09699PU-L**

Dexamethasone Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	EIA: 0.5 µg/ml.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Dexamethasone(21)-BTG
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%
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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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.