

Polyclonal Antibody to Dexamethasone - Purified

Catalog No.:	BP415
Quantity:	1000 Tests
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:	Sheep
Immunogen:	HMS-BSA conjugate
Format:	State: Liquid purified Ig fraction. Purification: Blue Sepharose Chromatography. Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide as preservative.
Applications:	Radioimmunoassay (RIA): Vial Sufficient for 1000 assays using ~1/2000 as Titre. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Non-species Epitope: Dexamethasone -21 Cross-reactivity: Dexamethasone 100% Cortisol 1.6% 11-Deoxycortisol 0.5% 6B-Hydroxycortisol 0.3% Corticosterone 0.5% Testosterone 0.1% Oestriol, Progesterone, Cholesterol and Cortisone < 0.1%.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.