



Dexamethasone [BSA] (DAG1086B)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Dexamethasone, BSA-Conjugated
Specificity	N/A
Species	N/A
Conjugate	BSA
Applications	ELISA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg, 5 mg
Preservative	None
Storage	Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

BACKGROUND

Introduction	Corticosteroids are a group of natural and synthetic analogues of the hormones secreted by the pituitary gland. These include glucocorticoids, such as dexamethasone, flumethasone and β -methasone. Synthetic glucocorticoids are commonly used in veterinary medicine as anti-inflammatory agents, and illicit use as growth-promoters is suspected. Dexamethasone is rapidly absorbed and excreted in urine and faeces, primarily as the parent molecule, tracer and inactive 6-hydroxy metabolites. Dexamethasone is a potent synthetic member of the glucocorticoid class of steroid drugs that has anti-inflammatory and immunosuppressant
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effects. It is 25 times more potent than cortisol in its glucocorticoid effect, while having minimal mineralocorticoid effect.

Keywords

Dexamethasone; (8S,9R,10S,11S,13S,14S,16R,17R)-9-Fluoro-11,17-dihydroxy-17-(2-hydroxyacetyl)-10,13,16-trimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-yl; Aeroseb-Dex; Bisu DS; Cortisumman; Decaspray
