



Dexamethasone [HSA] (DAG246S)

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

PRODUCT INFORMATION

Antigen Description	Dexamethasone, covalently linked to human serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	HSA
Applications	e.g. allergy test, immunoassays etc.
Molecular Weight	app. 65 kDa
Format	Liquid
Concentration	1 mg/mL, conjugation ratio is app. 1:10 - 1:40.
Size	1 mg
Buffer	PBS
Preservative	0.05% sodium azide
Storage	Store at 4°C.

BACKGROUND

Introduction	Dexamethasone is a fluorinated steroid that is 9-fluoropregna-1,4-diene substituted by hydroxy groups at positions 11, 17 and 21, a methyl group at position 16 and oxo groups at positions 3 and 20. It is a synthetic member of the class of glucocorticoids. It has a role as an adrenergic agent, an antiemetic, an antineoplastic agent, an environmental contaminant, a xenobiotic, an immunosuppressive agent and an anti-inflammatory drug. It is a fluorinated steroid, a 3-oxo-Delta(1),Delta(4)-steroid, a glucocorticoid, a 20-oxo steroid, an 11beta-hydroxy steroid, a
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17alpha-hydroxy steroid and a 21-hydroxy steroid. It derives from a hydride of a pregnane.

Keywords

drug-HSA conjugate, drug-conjugate, Dexamethasone HSA conjugate
