



## Prilocaine [HSA] (DAG186S)

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

### PRODUCT INFORMATION

Antigen Description	Prilocaine, 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	Prilocaine is a toluidine derivative and intermediate-acting amino amide with local anesthetic property. Prilocaine stabilizes the neuronal membrane by preferential binding to and inhibiting depolarization of the voltage-gated sodium channel. This results in a decrease in membrane permeability and subsequent inhibition of the ionic sodium influx required for the initiation and conduction of impulses.
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**Keywords**

drug-HSA conjugate, drug-conjugate, prilocaine HSA conjugate

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