



Tetracaine [HSA-Biotin] (DAG473S)

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

PRODUCT INFORMATION

Antigen Description	Tetracaine, covalently linked to biotinylated human serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	HSA-Biotin
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	Tetracaine is a benzoate ester with anesthetic properties. Upon administration, tetracaine reversibly binds voltage-gated sodium ion channels in neuronal cell membranes and inhibits sodium influx. This prevents the initiation and conduction of nerve impulses, and stabilizes neuronal membranes. This results in a loss of sensation, and thereby provides analgesia and anesthesia.
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Keywords

drug-HSA-Biotin conjugate, drug-conjugate, tetracaine HSA-Biotin conjugate
