



Marcaine [HSA-Biotin] (DAG511S)

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

PRODUCT INFORMATION

Antigen Description	Marcaine, 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	Bupivacaine, marketed under the brand name Marcaine among others, is a medication used to decrease feeling in a specific area. Bupivacaine is an amide-type, long-acting local anesthetic. Bupivacaine reversibly binds to specific sodium ion channels in the neuronal membrane, resulting in a decrease in the voltage-dependent membrane permeability to sodium ions and membrane stabilization; inhibition of depolarization and nerve impulse conduction; and a reversible loss of sensation.
--------------	--

Keywords

drug-HSA-Biotin conjugate, drug-conjugate, Marcaine HSA-Biotin conjugate
