



Tubocurarine chloride [HSA-Biotin] (DAG467S)

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

PRODUCT INFORMATION

Antigen Description	Tubocurarine chloride, 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	Tubocurarine Chloride is the chloride salt form of tubocurarine, a naturally occurring curare alkaloid isolated from the bark and stem of Chondodendron tomentosum with a muscle relaxant property. Tubocurarine chloride competes with acetylcholine for the nicotinic receptors at the neuromuscular junction of skeletal muscles, thereby inhibiting the action of acetylcholine and blocking the neural transmission without depolarizing the postsynaptic membrane. This may lead to skeletal muscle relaxation and paralysis.
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Keywords

drug-HSA-Biotin conjugate, drug-conjugate, Tubocurarine chloride HSA-Biotin conjugate
