



Roxithromycin [HSA-Biotin] (DAG481S)

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

PRODUCT INFORMATION

Antigen Description	Roxithromycin, 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	Roxithromycin is a semi-synthetic derivative of the macrolide antibiotic erythromycin that includes an N-oxime side chain on the lactone ring, with antibacterial and anti-malarial activities. Roxithromycin binds to the subunit 50S of the bacterial ribosome, which inhibits bacterial protein synthesis and leads to inhibition of bacterial cell growth and replication.
Keywords	drug-HSA-Biotin conjugate, drug-conjugate, roxithromycin HSA-Biotin conjugate