



Gentamycin [HSA-Biotin] (DAG519S)

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

PRODUCT INFORMATION

Antigen Description	Gentamycin, covalently linked to biotinylated human serum albumin
Nature	Synthetic
Expression System	N/A
Species	N/A
Purity	chromatography, dialysis
Conjugate	HSA-Biotin
Applications	e.g. allergy test, immunoassays etc.
Molecular Weight	app. 65 kDa
Procedure	None
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.
Warnings	For research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals.

BACKGROUND

Introduction Gentamycin is an aminoglycoside antibiotic, used to treat many types of bacterial infections, particularly those caused by Gram-negative organisms. However, gentamicin is not used for *Neisseria gonorrhoeae*, *Neisseria meningitidis* or *Legionella pneumophila*. Gentamicin is also ototoxic and nephrotoxic, with this toxicity remaining a major problem in clinical use.

Keywords drug-HSA-Biotin conjugate, drug-conjugate, Gentamycin HSA-Biotin conjugate