



## Gentamycin [HSA] (DAG235S)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	Gentamycin, covalently linked to human serum albumin
<b>Nature</b>	Synthetic
<b>Expression System</b>	N/A
<b>Species</b>	N/A
<b>Purity</b>	chromatography, dialysis
<b>Conjugate</b>	HSA
<b>Applications</b>	e.g. allergy test, immunoassays etc.
<b>Molecular Weight</b>	app. 65 kDa
<b>Procedure</b>	None
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL, conjugation ratio is app. 1:10 - 1:40.
<b>Size</b>	1 mg
<b>Buffer</b>	PBS
<b>Preservative</b>	0.05% sodium azide
<b>Storage</b>	Store at 4°C.
<b>Warnings</b>	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 conjugate, drug-conjugate, Gentamycin HSA conjugate