



Phosphomycin [HSA] (DAG193S)

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

PRODUCT INFORMATION

Antigen Description	Phosphomycin, covalently linked to human serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	HSA
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	Fosfomycin is a phosphoenolpyruvate analogue and a synthetic broad-spectrum antibiotic with antimicrobial and bactericidal properties. Fosfomycin binds to and inactivates the enzyme enolpyruvate transferase. This leads to an irreversible blockage of the condensation of uridine diphosphate-N-acetylglucosamine with p-enolpyruvate, which is one of the first steps of bacterial cell wall synthesis, thereby eventually causing cell lysis and bacterial cell death.
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Keywords

drug-HSA conjugate, drug-conjugate, phosphomycin HSA conjugate
