



Amphotericin B [HSA] (DAG281S)

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

PRODUCT INFORMATION

Antigen Description	Amphotericin B, 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	Amphotericin B is a polyene antifungal antibiotic produced by <i>Streptomyces nodosus</i> , with antifungal activity. Amphotericin B binds to ergosterol, an essential component of the fungal cell membrane, thereby causing depolarization of the membrane and altering cell membrane permeability. This leads to leakage of important intracellular components, cell rupture, and eventually cell death. This agent may also induce oxidative damage in fungal cells and has been reported to stimulate host immune cells.
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Keywords

drug-HSA conjugate, drug-conjugate, Amphotericin B HSA conjugate
