



Amphotericin B [HRP] (DAG454S)

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

PRODUCT INFORMATION

Antigen Description	Amphotericin B, covalently linked to horseradish peroxidase
Species	N/A
Purity	chromatography, dialysis
Conjugate	HRP
Applications	e.g. allergy test, immunoassays etc.
Molecular Weight	app. 44 kDa
Reconstitution	Reconstitute with 1 ml PBS without azide.
Format	Lyophilized
Concentration	1 mg/mL working concentration
Size	1 mg
Preservative	None
Storage	Store at -20°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-HRP conjugate, drug-conjugate, Amphotericin B HRP conjugate
