



Azlocillin [HSA-Biotin] (DAG546S)

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

PRODUCT INFORMATION

Antigen Description	Azlocillin, covalently linked to biotinylated human serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	HSA-Biotin
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	Azlocillin is a semisynthetic, extended spectrum acylampicillin with antibacterial activity. Azlocillin binds to penicillin-binding proteins (PBPs) located inside the bacterial cell wall, thereby inhibiting the cross-linking of peptidoglycans, which are critical components of the bacterial cell wall. This prevents proper bacterial cell wall synthesis, thereby results in the weakening of the bacterial cell wall and eventually leading to cell lysis.
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Keywords

drug-HSA-Biotin conjugate, drug-conjugate, Azlocillin HSA-Biotin conjugate
