



Penicillamine [HSA-Biotin] (DAG494S)

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

PRODUCT INFORMATION

Antigen Description	Penicillamine, covalently linked to biotinylated 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	Penicillamine is a beta dimethyl analog of the amino acid cysteine. As a degradation product of penicillin antibiotics, penicillamine chelates with heavy metals and increases their urinary excretion. Possessing antineoplastic properties, penicillamine induces apoptosis by a p53-mediated mechanism and inhibits angiogenesis by chelating with copper, a cofactor for angiogenesis.
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Keywords

drug-HSA-Biotin conjugate, drug-conjugate, penicillamine HSA-Biotin conjugate
