



Penicillamine [HRP] (DAG416S)

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

PRODUCT INFORMATION

Antigen Description	Penicillamine, 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	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-HRP conjugate, drug-conjugate, penicillamine HRP conjugate
