



Isoprenaline [HSA-Biotin] (DAG516S)

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

PRODUCT INFORMATION

Antigen Description	Isoprenaline, 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	Isoprenaline is a secondary amino compound that is noradrenaline in which one of the hydrogens attached to the nitrogen is replaced by an isopropyl group. A sympathomimetic acting almost exclusively on beta-adrenergic receptors, it is used (mainly as the hydrochloride salt) as a bronchodilator and heart stimulant for the management of a variety of cardiac disorders. It has a role as a sympathomimetic agent, a beta-adrenergic agonist, a bronchodilator agent and a cardiotonic drug. It is a member of catechols, a secondary amino
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compound and a secondary alcohol.

Keywords

drug-HSA-Biotin conjugate, drug-conjugate, Isoprenaline HSA-Biotin conjugate
