



Ciprofloxacin [HSA-Biotin] (DAG533S)

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

PRODUCT INFORMATION

Antigen Description	Ciprofloxacin, 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	<p>ciprofloxacin is a quinolone that is quinolin-4(1H)-one bearing cyclopropyl, carboxylic acid, fluoro and piperazin-1-yl substituents at positions 1, 3, 6 and 7, respectively. It has a role as an anti-infective agent, a topoisomerase IV inhibitor, an antibacterial drug, an EC 5.99.1.3 [DNA topoisomerase (ATP-hydrolysing)] inhibitor, a DNA synthesis inhibitor, an antimicrobial agent, an environmental contaminant and a xenobiotic. It is a quinolone antibiotic, a fluoroquinolone antibiotic, a N-arylpiperazine, a quinolone, an aminoquinoline and a quinolinemonocarboxylic</p>
---------------------	---

acid.

Keywords

drug-HSA-Biotin conjugate, drug-conjugate, Ciprofloxacin HSA-Biotin conjugate
