



Metamizole [BSA] (DAG344S)

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

PRODUCT INFORMATION

Antigen Description	Metamizole, covalently linked to bovine serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	BSA
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	Metamizole is a pyrazole that is antiipyrine substituted at C-4 by a methyl(sulfomethyl)amino group, the sodium salt of which, metamizole sodium, was widely used as a powerful analgesic and antipyretic, but withdrawn from many markets from the 1970s due to a risk of causing risk of causing agranulocytosis. It has a role as an antipyretic, an antirheumatic drug, a non-narcotic analgesic, a non-steroidal anti-inflammatory drug, a peripheral nervous system drug, a prodrug and a cyclooxygenase 3 inhibitor. It is a member of pyrazoles and an amino sulfonic acid. It
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derives from an antipyrine. It is a conjugate acid of a metamizole(1-).

Keywords

drug-BSA conjugate, drug-conjugate, Metamizole BSA conjugate
