



# Metamizole [HSA-Biotin] (DAG507S)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Metamizole, covalently linked to biotinylated human serum albumin
<b>Species</b>	N/A
<b>Purity</b>	chromatography, dialysis
<b>Conjugate</b>	HSA-Biotin
<b>Applications</b>	e.g. allergy test, immunoassays etc.
<b>Molecular Weight</b>	app. 65 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL, conjugation ratio is app. 1:10 - 1:40.
<b>Size</b>	1 mg
<b>Buffer</b>	PBS
<b>Preservative</b>	0.05% sodium azide
<b>Storage</b>	Store at 4°C.

## BACKGROUND

<b>Introduction</b>	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group, the sodium salt of which, metamizole sodium, was widely used as a powerful analgesic and antipyretic, but withdrawn from many markets from the 1970s due to a risk of causing risk of causing agranulocytosis.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-).

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**Keywords**

drug-HSA-Biotin conjugate, drug-conjugate, Metamizole HSA-Biotin conjugate

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