



Acetaminophen [HSA-Biotin] (DAG495S)

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

PRODUCT INFORMATION

Antigen Description	Acetaminophen, 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	ACETAMINOPHEN is a widely used over-the-counter analgesic (pain reliever) and antipyretic (fever reducer). It is commonly used for the relief of headaches and other minor aches and pains and is a major ingredient in numerous cold and flu remedies. In combination with opioid analgesics, paracetamol can also be used in the management of more severe pain such as post-surgical pain and providing palliative care in advanced cancer patients. The onset of analgesia is approximately 11 minutes after oral administration of paracetamol, and its half-life
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is 1–4 hours. Though acetaminophen is used to treat inflammatory pain, it is not generally classified as an NSAID because it exhibits only weak anti-inflammatory activity.

Keywords

drug-HSA-Biotin conjugate, drug-conjugate, acetaminophen HSA-Biotin conjugate
