



Acetaminophen [BSA] (DAG2957)

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

PRODUCT INFORMATION

Product Overview	Paracetamol, BSA-Conjugated
Species	N/A
Conjugate	BSA
Applications	immunoassay development or other applications.
Format	Liquid
Size	1 mg
Buffer	Supplied in 15 mM KPO ₄ , 0.85% NaCl, pH 7.2
Preservative	0.1% Sodium Azide
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Acetaminophen is a <i>p</i> -aminophenol derivative with analgesic and antipyretic activities. Although the exact mechanism through which acetaminophen exert its effects has yet to be fully determined, acetaminophen may inhibit the nitric oxide (NO) pathway mediated by a variety of neurotransmitter receptors including N-methyl-D-aspartate (NMDA) and substance P, resulting in elevation of the pain threshold. The antipyretic activity may result from inhibition of prostaglandin synthesis and release in the central nervous system (CNS) and prostaglandin-mediated effects on the heat-regulating center in the anterior hypothalamus.
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Keywords	acetaminophen; Paracetamol; 4-Acetamidophenol; Tylenol
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