



## p-aminobenzoic acid [HSA-Biotin] (DAG496S)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	p-aminobenzoic acid, 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>	Aminobenzoic Acid is an organic acid with UV absorption and antifibrotic properties. When exposed to light, aminobenzoic acid (para-aminobenzoic acid or PABA) absorbs UV light and emits excess energy via a photochemical reaction that may cause damage to DNA. Because DNA defects contribute to skin cancer, aminobenzoic acid is no longer widely used in sunscreen formulations. Aminobenzoic acid may also increase oxygen uptake at the tissue level and may enhance monoamine oxidase (MAO) activity to promote the degradation of
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serotonin, which in excess, may lead to fibrotic changes.

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**Keywords**

drug-HSA-Biotin conjugate, drug-conjugate, p-aminobenzoic acid HSA-Biotin conjugate

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