



# Phenylbutazon [HSA-Biotin] (DAG491S)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Phenylbutazon, covalently linked to biotinylated 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>	Phenylbutazone is a member of the class of pyrazolidines that is 1,2-diphenylpyrazolidine-3,5-dione carrying a butyl group at the 4-position. It has a role as a non-narcotic analgesic, a non-steroidal anti-inflammatory drug, an antirheumatic drug, a peripheral nervous system drug, a metabolite and an EC 1.1.1.184 [carbonyl reductase (NADPH)] inhibitor.
<b>Keywords</b>	drug-HSA-Biotin conjugate, drug-conjugate, phenylbutazon HSA-Biotin conjugate