



Aspartame [BSA] (DAG385S)

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

PRODUCT INFORMATION

Antigen Description	Aspartame, covalently linked to bovine serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	BSA
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	Aspartame is a dipeptide obtained by formal condensation of the alpha-carboxy group of L-aspartic acid with the amino group of methyl L-phenylalaninate. Commonly used as an artificial sweetener. It has a role as a sweetening agent, a nutraceutical, a micronutrient, a xenobiotic, an environmental contaminant, an apoptosis inhibitor and an EC 3.1.3.1 (alkaline phosphatase) inhibitor. It is a dipeptide, a carboxylic acid and a methyl ester. It derives from a L-aspartic acid and a methyl L-phenylalaninate.
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Keywords

drug-BSA conjugate, drug-conjugate, Aspartame BSA conjugate
