



Pyridoxamine [HSA] (DAG183S)

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

PRODUCT INFORMATION

Antigen Description	Pyridoxamine, covalently linked to human serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	HSA
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	Pyridoxamine is a monohydroxypyridine that is pyridine substituted by a hydroxy group at position 3, an aminomethyl group at position 4, a hydroxymethyl group at position 5 and a methyl group at position 2. The 4-aminomethyl form of vitamin B6, it is used (in the form of the hydrochloride salt) for treatment of diabetic nephropathy. It has a role as a human metabolite, a <i>Saccharomyces cerevisiae</i> metabolite, an <i>Escherichia coli</i> metabolite, a plant metabolite, a mouse metabolite, an iron chelator and a nephroprotective agent. It is a hydroxymethylpyridine,
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a monohydroxypyridine, an aminoalkylpyridine and a vitamin B6. It is a conjugate base of a pyridoxaminium(1+).

Keywords

drug-HSA conjugate, drug-conjugate, pyridoxamin HSA conjugate
