



Biotin [BSA] (DAG3197)

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

PRODUCT INFORMATION

Product Overview	Biotin, BSA-conjugated
Species	N/A
Conjugate	BSA
Applications	Immunogen
Format	Liquid
Concentration	6.7 mg/mL
Buffer	Supplied in distilled water
Preservative	0.01% Sodium Azide
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Biotin, also known as vitamin H or coenzyme R, is a water-soluble B-vitamin (vitamin B7). It is composed of a ureido (tetrahydroimidizalone) ring fused with a tetrahydrothiophene ring. A valeric acid substituent is attached to one of the carbon atoms of the tetrahydrothiophene ring. Biotin is a coenzyme for carboxylase enzymes, involved in the synthesis of fatty acids, isoleucine, and valine, and in gluconeogenesis.
Keywords	Biotin