



D-Alanine [BSA] (DAG3268)

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

PRODUCT INFORMATION

Product Overview	D-Alanine, BSA-conjugated
Specificity	D-Alanine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Species	N/A
Conjugate	BSA
Applications	immunohistochemistry and immunocytochemistry.
Reconstitution	Reconstitute with deionized water (250 µg)
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Alanine (Ala, A), or 2-aminopropanoic acid, is a non-essential alpha-amino acid. It exists as two distinct enantiomers - L-Alanine and D-Alanine. L-Alanine is one of the 20 amino acids most widely used in protein synthesis, second to leucine, accounting for 7.8% of the primary structure in a sample of 1,150 proteins. D-Alanine occurs in bacterial cell walls and in some peptide antibiotics.
Keywords	D-Alanine; 2 aminopropanoic acid; D-AlanineForBiochemistry; D-Alanin; L-a-Alanine; D-Alanine,(R)-(-)-Alanine; D-α-Aminopropanoic Acid; (R)-Alanine; D-ALANINE extrapure; (R)-AMINOPROPIONIC ACID; D-ALA