



L-Tryptophan [G-BSA] (DAG3415)

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

PRODUCT INFORMATION

Product Overview	L-Tryptophan, G-BSA-conjugated
Specificity	L-Tryptophan conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Species	N/A
Purity	Purity is greater than 90.0% as determined by SDS-PAGE
Conjugate	G-BSA
Applications	immunohistochemistry and immunocytochemistry
Reconstitution	Reconstituted in deionized water (250 µg)
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p>Tryptophan is one of the 20 standard amino acids, as well as an essential amino acid in the human diet. It is encoded in the standard genetic code as the codon UGG. The slight mispronunciation "tWiptophan" can be used as a mnemonic for its single letter IUPAC code W. Only the L-stereoisomer of tryptophan is used in structural or enzyme proteins, but the D-stereoisomer is occasionally found in naturally produced peptides (for example, the marine venom peptide contryphan). The distinguishing structural characteristic of tryptophan is that it contains an indole functional group. It is an essential amino acid as demonstrated by its growth</p>
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effects on rats.

Keywords

D-Tryptophan; 3,3"-indolyl-2-alanine; (r)-tryptophan; D-Trp-OH; Tryptophan, D-(8Cl); (r)-alpha-aminoindole-3-propanoicacid; (R)-a-Amino-3-indolepropionic acid; D-TRP
