



L-Arginine [BSA] (DAG3642)

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

PRODUCT INFORMATION

Product Overview	L-Arginine, BSA-Conjugated
Species	N/A
Conjugate	BSA
Applications	Immunohistochemistry, immunocytochemistry, The optimal concentration should be determined by the user for each specific application
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p>Arginine (abbreviated as Arg or R) is an α-amino acid. It was first isolated in 1886. The L-form is one of the 20 most common natural amino acids. At the level of molecular genetics, in the structure of the messenger ribonucleic acid mRNA, CGU, CGC, CGA, CGG, AGA, and AGG, are the triplets of nucleotide bases or codons that code for arginine during protein synthesis. In mammals, arginine is classified as a semiessential or conditionally essential amino acid, depending on the developmental stage and health status of the individual. Preterm infants are unable to synthesize or create arginine internally, making the amino acid nutritionally essential for them. There are some conditions that put an increased demand on the body for the synthesis of L-arginine, including surgical or other trauma, sepsis and burns.[citation needed] Arginine was first isolated from a lupin seedling extract in 1886 by the Swiss chemist Ernst Schultze.</p>
Keywords	Arginine (mono methyl); mono methyl Arginine-ChIP Grade; Arginine; mono methyl Arginine