



## L-Valine [BSA] (DAG3421)

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

### PRODUCT INFORMATION

Conjugate	BSA
Applications	ELISA, LFIA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	10mM PBS, pH 7.4
Preservative	None
Storage	Store at -20°C

### BACKGROUND

Introduction	L-Valine is an essential branched-chain amino acid (BCAA) involved in protein synthesis, muscle metabolism, and energy production. It is a critical substrate in metabolic studies and serves as a biochemical marker in nutrition, cell culture, and metabolic flux analyses. Its defined role in mTOR signaling and nitrogen balance makes it widely used in physiological research.
Keywords	L-Valine; Valine; (S)-2-Amino-3-methylbutanoic Acid