



L-Valine [G-BSA] (DAG3421)

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

PRODUCT INFORMATION

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| Product Overview | L-Valine, G-BSA-conjugated |
| Specificity | L-Valine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA). |
| Species | N/A |
| 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

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| Introduction | Valine (abbreviated as Val or V) is an α -amino acid with the chemical formula $\text{HO}_2\text{CCH}(\text{NH}_2)\text{CH}(\text{CH}_3)_2$. L-Valine is one of 20 proteinogenic amino acids. Its codons are GUU, GUC, GUA, and GUG. This essential amino acid is classified as nonpolar. Human dietary sources are any proteinaceous foods such as meats, dairy products, soy products, beans and legumes. |
| Keywords | Valine; Val; V; 2-amino-3-methylbutanoic acid |