

D-Methionine, BSA-conjugated

DAG3301 chemosynthetic

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	D-Methionine, BSA-conjugated
Description	D-Methionine, Conjugated
Species	chemosynthetic
Specificity	D-Methionine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Conjugate	BSA
Form	Lyophilized (1 mg); Lyophilized and reconstituted in deionized water (250 µg)
Applications	immunohistochemistry and immunocytochemistry
Usage	This antigen was used to produce a polyclonal antibody.
Quality Control Test	250 micrograms, 1 milligram

PACKAGING

Storage	Store at -20°C for one year. Reconstitute with deionized H ₂ O + 0.1% merthiolate (optional preservative). This solution is stable at +4°C for 2 months.
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BACKGROUND

Introduction	Methionine is an α-amino acid with the chemical formula HO ₂ CCH(NH ₂)CH ₂ CH ₂ SCH ₃ . This essential amino acid is classified as nonpolar. This amino-acid is coded by the codon AUG, also known as the initiation codon, since it indicates mRNA's coding region where translation into protein begins.
Keywords	Methionine; Met; M; DL-methioninesulfoxidecrystalline

REFERENCES

1. Weast, Robert C., ed. (1981). CRC Handbook of Chemistry and Physics (62nd ed.). Boca Raton, FL: CRC Press. p. C-374.
2. Oz HS, Chen TS, Neuman M (2008), "Methionine deficiency and hepatic injury in a dietary steatohepatitis model", Digestive Diseases and Sciences 53 (3): 767–776.