

D-Glutamate, BSA-conjugated

DAG3297 chemosynthetic

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	D-Glutamate, BSA-conjugated
Description	D-Glutamate, Conjugated
Species	chemosynthetic
Specificity	D-Glutamate 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 15 days.
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BACKGROUND

Introduction	Glutamic acid is one of the 20-22 proteinogenic amino acids, and its codons are GAA and GAG. It is a non-essential amino acid. The carboxylate anions and salts of glutamic acid are known as glutamates. In neuroscience, glutamate is an important neurotransmitter that plays a key role in long-term potentiation and is important for learning and memory.
Keywords	Glutamic acid; Glu; E; glutamates; D-Glutamate; D-Glutaminsure; d-glutamicaci

REFERENCES

1. Renton, Alex (2005-07-10). "If MSG is so bad for you, why doesn't everyone in Asia have a headache?". The Guardian. Retrieved 2008-11-21.
2. Meldrum, B. S. (2000). "Glutamate as a neurotransmitter in the brain: Review of physiology and pathology". The Journal of nutrition 130 (4S Suppl): 1007S–1015S.