L-Histidine, G-BSA-conjugated

DAG3329 chemosynchetic
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	L-Histidine, G-BSA-conjugated
Description	L-Histidine, Conjugated
Species	chemosynchetic
Specificity	L-Histidine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Conjugate	G-BSA
Form	1.5 urea/25 mM tris-HCl pH 8.0/0.2% triton-X/50% glycerol
Applications	immunohistochemistry and immunocytochemistry
Usage	This antigen was used to produce a polyclonal antibody.
Quality Control Test	100 micrograms, 500 micrograms, 1 milligram

PACKAGING

Storage	Store at -20°C for one year. Reconstitute with deionized H2O + 0.1% merthiolate (optional preservative). This solution is stable at +4°C for 2 months.

BACKGROUND

Introduction	Histidine is an α-amino acid with an imidazole functional group. It is one of the 22 proteinogenic amino acids. Its codons are CAU and CAC. Histidine was first isolated by German physician Albrecht Kossel in 1896. Histidine is an essential amino acid in humans and other mammals. It was initially thought that it was only essential for infants, but longer-term studies established that it is also essential for adult humans.
Keywords	Histidine; His; H

REFERENCES

1. J D Kopple and M E Swendseid (May 1975). "Evidence that histidine is an essential amino acid in normal and chronically uremic man". J Clin Invest. 55 (5): 881–891.
2. Robert H. Blessing, Edward L. McGandy. Base stacking and hydrogen bonding in crystals of imidazolium dihydrogen orthophosphate. Journal of the American Chemical Society 1972 94 (11), 4034-4035.

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