

SUMMARY

shipped on blue ice; store at -20 °C

For research use only.

Not for use in diagnostic or therapeutic procedures.

Description

Polyclonal antisera were raised in rabbits after immunization with the conjugates: Histamine-glutaraldehyde-carriers.

Contents: The antibody is supplied in a unit size of 50 µl in PBS with 50% glycerol.

Storage and Handling

When this product is stored undiluted at -20 °C or lower, it is stable for at least 2 years. Multiple freezing and thawing is only possible up to 5 times. The antibodies can be prediluted 10x in PBS containing 0.1% merthiolate or a mixture of PBS/glycerol (1:1, vol./vol.). At 4 °C these solutions are stable for 2 months.

Specificity

Using a conjugate Histamine-glutaraldehyde-protein, antibody specificity was determined in an ELISA test by competition experiments with the following compounds:

Compound	Cross-reactivity ratio ^(a)
Histamine-HD-ALM	1
Methylhistamine-HD-ALM	1: 251
Histidine-HD-ALM	1: 1,122
Histamine-HD-PPL	1
Methylhistamine-HD-PPL	1: 100
Histidine-HD-PPL	1: > 251
Histamine	1: > 6,000

a: Histamine-HD-ALM concentration/unconjugated or conjugated aminoacid concentration at half displacement.

HD : hexamethylenediisocyanate

PPL = Proline-Phenylalanine-Lysine

ALM : N-a-acetyl-lysine-N-methylamide.

Recommended dilution

The anti-conjugated Histamine antibodies can be diluted 1:2,000 to 1:5,000.

Anti-Conjugated Histamine

Product Information Sheet
1016GE



Reference

MANETA-PEYRET L., MOREAU P., DULLUC J. and GEFFARD M., Antibodies to histamine. Specificity studies and radioimmunological assay. J. Immunol. methods., (1986) 90, 39-45

Order Information, Shipping and Storage

Order#	Product	Quantity
1016GE	Anti-Conjugated Histamine	50 µl
shipped on blue ice; store at -20 °C		

Contact and Support

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