

Anti-Conjugated 5-Hydroxytryptamine

Product Information Sheet
1006GE



SUMMARY

shipped at on blue ice; store at -20 °C

For research use only

Description

Polyclonal antisera were raised in rabbits after immunization with the conjugates: 5-Hydroxytryptamine-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 5-Hydroxytryptamine-glutaraldehyde-protein, antibody specificity was determined in an ELISA test by competition experiments with the following compounds:

Compound	Cross-reactivity ratio ^(a)
5-Hydroxytryptamine-G-PL	1
5-Hydroxytryptamine=G=PL (b)	1: 10
5-Methoxytryptamine-G-PL	1: 25
Tryptamine-G-PL	1: 51
5-Hydroxytryptophan-G-PL	1: 175
5-Hydroxytryptamine	1: 1,150
Tryptophan-G-PL	1: 3,400
5-Methoxytryptophan-G-PL	1: 19,800

a: 5-Hydroxytryptamine-G-PL concentration/unconjugated or conjugated indolealkylamine concentration at half displacement.

b: Non-reduced conjugate

G = Glutaraldehyde, PL = Poly-Lysine

Recommended dilution

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

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Order Information, Shipping and Storage

Order#	Product	Quantity
1006GE	Anti-Conjugated 5-Hydroxytryptamine	50 µl
shipped on blue ice; store at -20 °C		

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