

SUMMARY

shipped on blue ice; store at -20 °C

For research use only

Description

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

Compound	Cross-reactivity ratio ^(a)
Tyramine-G-ALM	1
Octopamine-G-ALM	1: 42
L-DOPA-G-ALM	1: 100
Dopamine-G-ALM	1: 1,587
Noradrenaline-G-ALM	1: 2,430
Tyramine	1: 6,320

a: Tyramine-G-ALM concentration/unconjugated or conjugated catecholamine concentration at half displacement.

b: Non-reduced conjugate

G = Glutaraldehyde, ALM = N-a-acetyl-lysine-N-methylamide.

Recommended dilution

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

Anti-Conjugated Tyramine

Product Information Sheet
1005GE



Reference

GEFFARD M., SEQUELA P. and HEINRICH-ROCK A. M., Antisera against catecholamines: specificity studies and physicochemical data for anti-dopamine and anti-p-tyramine antibodies. Molecular Immunology (1984) 21, 515-522.

Order Information, Shipping and Storage

Order#	Product	Quantity
1005GE	Anti-Conjugated Tyramine	50 µl
shipped on blue ice; store at -20 °C		

Contact and Support

MoBiTec GmbH ● Lotzestrasse 22a ● D-37083 Goettingen ● Germany

Customer Service – General inquiries & orders

phone: +49 (0)551 707 22 0
fax: +49 (0)551 707 22 22
e-mail: order@mobitec.com

Technical Service – Product information

phone: +49 (0)551 707 22 70
fax: +49 (0)551 707 22 77
e-mail: info@mobitec.com

MoBiTec in your area: Find your local distributor at www.mobitec.com