

# Anti-Conjugated Homocysteine

Product Information Sheet  
# 1017GE



## 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: Homocysteine-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 Homocysteine-glutaraldehyde-protein, antibody specificity was determined in an ELISA test by competition experiments with the following compounds:

Compound	Cross-reactivity ratio <sup>(a)</sup>
Cysteine-G-BSA	1: 423
Homocysteic acid-G-BSA	1: > 100,000

a: Homocysteine-G-BSA concentration/unconjugated or conjugated amino-acids concentration at half displacement; G = Glutaraldehyde, BSA : Bovine Serum Albumine.

## Recommended dilution

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

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## Order Information, Shipping and Storage

Order#	Product	Quantity
1017GE	Anti-Conjugated Homocysteine	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

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**MoBiTec in your area:** Find your local distributor at [www.mobitec.com](http://www.mobitec.com)