

Anti-Conjugated Glutathione

Product Information Sheet
1022GE



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

Compound	Cross-reactivity ratio ^(a)
GSH-G-BSA	1
GSH=G=BSA ^(b)	1: 50
GSSG-G-BSA	1: >1,000
GSSG=G=BSA ^(b)	1: >1,000
GSO ₃ H-G-BSA	1: >1,000
Cys-Gly-G-BSA	1: >1,000
Cys-G-BSA	1: >10,000
Glu-G-BSA	1: >10,000
Gly-G-BSA	1: >10,000
GSH	1: >10,000

(a): GSH-G-BSA concentration /unconjugated or conjugated analogs concentration at half displacement;

(b): Non-reduced conjugate

G = Glutaraldehyde, BSA = Bovine Serum Albumin

Recommended dilution

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

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Reference

Amara A. *et al.*, BrainRes. 659 (1994) 237-242

Order Information, Shipping and Storage

Order#	Product	Quantity
1022GE	Anti-Conjugated Glutathione	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