

# Anti-Conjugated Glycine

Product Information Sheet  
# 1015GE



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

Compound	Cross-reactivity ratio <sup>(a)</sup>	
Glycine-G-TH	1	
p-Alanine-G-TH	1:	107
GABA-G-TH	1:	501
Taurine-G-TH	1:	1,000
Aspartate-G-TH	1:	20,000
Glutamate-G-TH	1:	> 20,000
Glycine=G=TH (b)	1:	> 100,000
Glycine	1:	> 100,000

a: Glycine-G-TH concentration/unconjugated or conjugated aminoacid concentration at half displacement.

b: Non-reduced conjugate

G = Glutaraldehyde, TH = Thyroglobulin

## Recommended dilution

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

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## References

CAMPISTRON G., BUIJS R.M. and GEFFARD M., Glycine neurons in the brain and spinal cord. Antibody production and immunocytochemical localization. Brain Res. (1986) 376, 400-405.

PEYRET D., CAMPISTRON G., GEFFARD M. and ARAN J.M., Glycine immunoreactivity in the brain-stem auditory and vestibular nuclei of the guinea pig. Acta Otolaryngol. (Stockh), (1987) 104, 71-76.

## Order Information, Shipping and Storage

Order#	Product	Quantity
1015GE	Anti-Conjugated Glycine	50 µl
shipped on blue ice; store at -20 °C		

## Contact and Support

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### Customer Service – General inquiries & orders

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