

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

Compound	Cross-reactivity ratio <sup>(a)</sup>
Taurine-G-PL	1
Hypotaurine-G-PL	1: 15
GABA-G-PL	1: 560
p-Alanine-G-PL	1: 1,860
Aspartate-G-PL	1: 5,040
Taurine=G=PL <sup>(b)</sup>	1: 6,700
Glycine-G-PL	1: 14,200
Cysteine-G-PL	1: > 20,000
Glutamate-G-PL	1: > 20,000
Taurine	1: > 40,000

(a): Taurine-G-PL concentration/unconjugated or conjugated aminoacids concentration at half displacement ;

(b): Non-reduced conjugate

G = Glutaraldehyde, PL = Poly-lysine

## Recommended dilution

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

# Anti-Conjugated Taurine

Product Information Sheet  
# 1021GE



## Reference

CAMPISTRON G., GEFFARD M. and BUIJS R.M., Immunological approach to the detection of taurine and immunocytochemical results. J. Neurochem. (1986) 46, 862-868.

## Order Information, Shipping and Storage

Order#	Product	Quantity
1021GE	Anti-Conjugated Taurine	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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**MoBiTec in your area:** Find your local distributor at [www.mobitec.com](http://www.mobitec.com)