

## 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: L-dihydroxyphenylalanine (L-DOPA) 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 L-DOPA-glutaraldehyde-protein, antibody specificity was determined in an ELISA test by competition experiments with the following compounds:

Compound	Cross-reactivity ratio <sup>(a)</sup>
L-DOPA=G=BSA (b)	1
L-DOPA-G-BSA	1: 10
Dopamine=G=BSA	1: 316
Dopamine-G-BSA	1: >100,000
Adrenaline=G=BSA	1: >100,000
Noradrenaline=G=BSA	1: >100,000
Octopamine=G=BSA	1: >100,000
L-DOPA	1: >100,000
Adrenaline-G-BSA	1: >100,000
Noradrenaline-G-BSA	1: >100,000
Octopamine-G-BSA	1: >100,000

a: L-DOPA-G-BSA concentration/unconjugated or conjugated catecholamine concentration at half displacement.

b: Non-reduced conjugate

G = Glutaraldehyde, BSA = Bovine Serum Albumine

## Recommended dilution

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

## References

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# Anti-Conjugated Dihydroxyphenylalanine

Product Information Sheet  
# 1001GE



## Order Information, Shipping and Storage

Order#	Product	Quantity
1001GE	Anti-Conjugated L-dihydroxyphenylalanine (L-DOPA)	50 µl
shipped on blue ice; store at -20 °C		

## Contact and Support

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