

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

Compound	Cross-reactivity ratio <sup>(a)</sup>
LI-Alanine-G-BSA	1
Alanine-G-BSA	1: 7,000
Glycine-G-BSA	1: > 50,000
GABA-G-BSA	1: 509
Aspartate-G-BSA	1: > 100,000

(a): LI-Alanine-G-BSA concentration / concentration of unconjugated or conjugated amino acids at half displacement ;

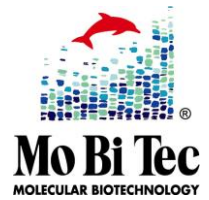
G = Glutaraldehyde, BSA = Bovine Serum Albumine

## Recommended dilution

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

# Anti-Conjugated LI-Alanine

Product Information Sheet  
# 1035GE



## Order Information, Shipping and Storage

Order#	Product	Quantity
1035GE	Anti-Conjugated LI-Alanine	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**      **Technical Service – Product information**

phone: +49 (0)551 707 22 0

phone: +49 (0)551 707 22 70

fax: +49 (0)551 707 22 22

fax: +49 (0)551 707 22 77

e-mail: [order@mobitec.com](mailto:order@mobitec.com)

e-mail: [info@mobitec.com](mailto:info@mobitec.com)

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