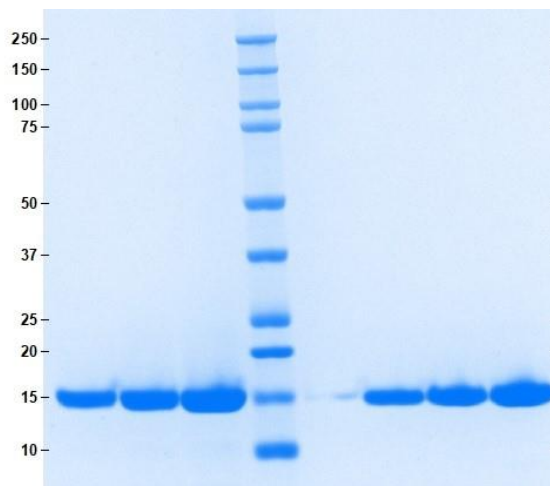


## Gel Scan of Representative Lot Lysozyme

ART Catalog No. 16-14-122519



### SDS-PAGE

4-12% Bis-Tris gel, 1x MES

1. Lysozyme 5 µg (Heated/Reduced)
2. Lysozyme 10 µg (Heated/Reduced)
3. Lysozyme 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Lysozyme 5 µg (Not Heated/Non-Reduced)
7. Lysozyme 10 µg (Not Heated/Non-Reduced)
8. Lysozyme 20 µg (Not Heated/Non-Reduced)

### Protein Determination:

Extinction Coefficient (E) = 2.51 (0.1% at 280 nm,  
1 cm pathway)

### Considerations:

Storage Conditions: ≤ -20 °C  
Stability: > 1 year

### Molecular Weight:

14,700 Da

### Buffer:

Lyophilized from 50 mM sodium acetate, pH 6.0,  
with 100 mM NaCl

### Physical Specifications:

Form: Lyophilized  
Purity: ≥ 95% by SDS-PAGE.

## Your Distributor

ORDERING  
Tel.: +49 40 4320 8448 - 0  
order@active-bioscience.de  
www.active-bioscience.de



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support@active-bioscience.de

Active Bioscience GmbH  
Oberaltenallee 8  
D-22081 Hamburg  
HRB 98170 Amtsgericht Hamburg

## Product Datasheet

<b>Product:</b>	Lysozyme
<b>Catalog #:</b>	16-14-122519
<b>Form:</b>	Lyophilized
<b>Available Packaging:</b>	100 µg and 1 mg. Larger aliquots are available upon request.
<b>Buffer:</b>	Lyophilized from 50 mM sodium acetate, pH 6.0, with 100 mM NaCl
<b>Purity:</b>	≥ 95% by SDS-PAGE.
<b>Activity:</b>	> 30,000 sugar units per mg. One unit is defined as the amount of enzyme that digests powdered cells of <i>Micrococcus lysodeikticus</i> , causing a decrease in absorbance of 0.001 per minute at 37 °C, pH 7.0.
<b>Molecular Weight:</b>	14,700 Da
<b>Protein Determination:</b>	Extinction Coefficient (E) = 2.51 (0.1% at 280 nm, 1 cm pathway)
<b>Storage/Handling:</b>	≤ -20 °C
<b>Stability:</b>	> 1 year
<b>Source:</b>	Human Neutrophil
<b>Testing:</b>	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. This material was tested and found negative for HIV, HBV, HCV, and syphilis prior to collection. Documentation of testing is maintained and available upon request.

**Product Link:** <https://www.athensresearch.com/products/all/lysozyme-human-neutrophil>

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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