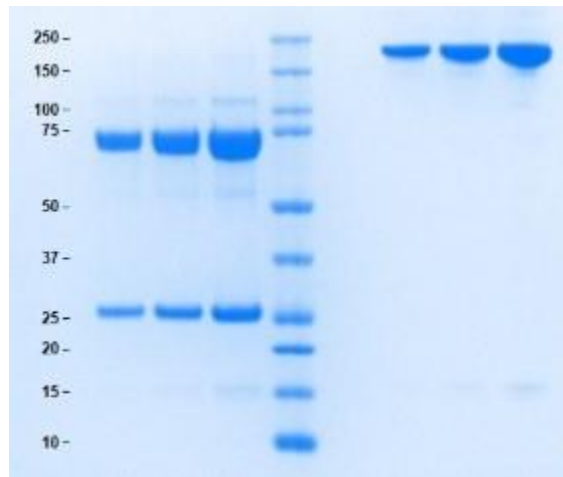


## Gel Scan of Representative Lot Immunoglobulin E (IgE)

ART Catalog No. 16-16-090705



### SDS-PAGE

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

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

### Protein Determination:

Extinction Coefficient (E) = 1.33 (0.1% at 280 nm,  
1 cm pathway)

### Molecular Weight:

200,000 Da

### Physical Specifications:

Form: Frozen

Purity: ≥ 95% by SDS-PAGE

### Considerations:

Storage Conditions: ≤ -20 °C

Stability: > 1 year

### Buffer:

Frozen in 100 mM Tris, pH 7.5, with 200 mM NaCl  
and 0.05% sodium azide

## Your Distributor

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order@active-bioscience.de  
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TECHNICAL SUPPORT  
Tel.: +49 40 4320 8448 - 11  
support@active-bioscience.de

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

## Product Datasheet

|                               |                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product:</b>               | Immunoglobulin E (IgE)                                                                                                                                                                                                                                                                                                                                            |
| <b>Catalog #:</b>             | 16-16-090705                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form:</b>                  | Frozen                                                                                                                                                                                                                                                                                                                                                            |
| <b>Available Packaging:</b>   | 100 µg and 1 mg. Larger aliquots are available upon request.                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>                | Frozen in 100 mM Tris, pH 7.5, with 200 mM NaCl and 0.05% NaN <sub>3</sub>                                                                                                                                                                                                                                                                                        |
| <b>Purity:</b>                | ≥ 95% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Weight:</b>      | 200,000 Da                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Determination:</b> | Extinction Coefficient (E) = 1.33 (0.1% at 280 nm, 1 cm pathway)                                                                                                                                                                                                                                                                                                  |
| <b>Storage/Handling:</b>      | ≤ -20 °C                                                                                                                                                                                                                                                                                                                                                          |
| <b>Stability:</b>             | > 1 year                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source:</b>                | Human Plasma                                                                                                                                                                                                                                                                                                                                                      |
| <b>Testing:</b>               | Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Each unit of plasma is tested by the supplier and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), Hepatitis C (HCV), Hepatitis A (HAV), and syphilis (RPR). Documentation of testing is maintained and is available upon request. |

**Product Link:** <https://www.athensresearch.com/products/all/immunoglobulin-e-human-plasma-ige>

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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[support@active-bioscience.de](mailto:support@active-bioscience.de)

Active Bioscience GmbH  
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D-22081 Hamburg  
HRB 98170 Amtsgericht Hamburg