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# Certificate of Analysis and Data Sheet NATIVE BOVINE HYALURONIDASE

**Catalog No.**  
DS-01-0235

**Species**  
Bovine

## Description

Hyaluronidase catalyzes the depolymerization of mucopolysaccharides, hyaluronic acid, and the chondroitin sulfates A and C. The enzyme is widely distributed in animal tissues but is found in great concentrations in the bovine and ovine testes.

## Formulation

- **Product Form:** Purified enzyme from bovine testes - liquid
- **Concentration:** Total protein concentration 0.5 g/ml
- **Preservative Stabilizer:** None present
- **Activity:** 315 U/mg protein
- **Molecular Weight:** 55 kDa
- **Note:** A unit is defined as the amount of enzyme that liberates one micromole of N-acetylglucosamine per minute at 37°C and pH 4.0.

## Storage

- Store at -20 °C only.
- Storage in frost-free freezers is not recommended. This product should be stored undiluted. If product contains a precipitate we recommend microcentrifugation before use. **Avoid repeated freezing and thawing as this may denature the protein.**
- **Shelf Life:** 12 months from date of shipment.

## Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**