

Datasheet: 5030-9954

**BATCH NUMBER 154365**

<b>Description:</b>	NATIVE BOVINE HYALURONIDASE
<b>Name:</b>	HYALURONIDASE
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	0.5 g

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Bovine
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<b>Product Form</b>	Purified enzyme from bovine testes - liquid
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<b>Preservative Stabilisers</b>	None present
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<b>Approx. Protein Concentrations</b>	Total protein concentration 0.2 g/ml
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### External Database Links

#### UniProt:

[Q8SQG8](#) [Related reagents](#)

[Q5E985](#) [Related reagents](#)

#### Entrez Gene:

[281838](#) HYAL2 [Related reagents](#)

[515397](#) HYAL1 [Related reagents](#)

<b>Product Information</b>	Hyaluronidase catalyzes the depolymerization of mucopolysaccharides, hyaluronic acid,
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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.

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**Protein Molecular Weight**

55 kDa

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**Activity**

315 U/mg protein

1 unit is defined as the amount of enzyme that liberates one micromole of N-acetylglucosamine per minute at 37°C and pH 4.0.

EC 3.2.1.36

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**Storage**

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10078 available at:

10078: <https://www.bio-rad-antibodies.com/uploads/MSDS/10078.pdf>

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**Regulatory**

For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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