

## Datasheet: 5030-9954

<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
<b>Product Form</b>	Purified enzyme from bovine testes - liquid
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	Total protein concentration 0.2 g/ml

### External Database Links

#### UniProt:

[Q8SQG8](#) [Related reagents](#)  
[Q5E985](#) [Related reagents](#)

#### Entrez Gene:

[281838](#) HYAL2 [Related reagents](#)  
[515397](#) HYAL1 [Related reagents](#)

**Product Information** 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.

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<b>Protein Molecular Weight</b>	55 kDa
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<b>Activity</b>	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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<b>Storage</b>	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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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10078 available at: 10078: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10078.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10078.pdf</a>
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<b>Regulatory</b>	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)  
'M362533:200514'

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