

Datasheet: 5030-9954

BATCH NUMBER 156683

Description:	NATIVE BOVINE HYALURONIDASE
Name:	HYALURONIDASE
Format:	Purified
Product Type:	Purified Protein
Quantity:	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.

	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.

Target Species	Bovine
Product Form	Purified enzyme from bovine testes - liquid
Preservative Stabilisers	None present
Approx. Protein Concentrations	Total protein concentration 0.2 g/ml
External Database Links	<p>UniProt:</p> <p>Q8SQG8 Related reagents</p> <p>Q5E985 Related reagents</p> <p>Entrez Gene:</p> <p>281838 HYAL2 Related reagents</p> <p>515397 HYAL1 Related reagents</p>

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.

Protein Molecular Weight

55 kDa

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

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10078 available at:
<https://www.bio-rad-antibodies.com/SDS/5030-9954>
10078

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)
'M362533:200514'

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