

Datasheet: 5030-9954

BATCH NUMBER 158567

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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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