

HYALURONIDASE

What is Hyaluronidase?

Testicular hyaluronidase is a typical glucosidase having both endohexosaminidase and transglycosidase activity.

Substrates are hyaluronic acid and also chondroitin sulphate A and C. Products of hydrolysis are a series of oligosaccharides, mainly tetrasaccharides.

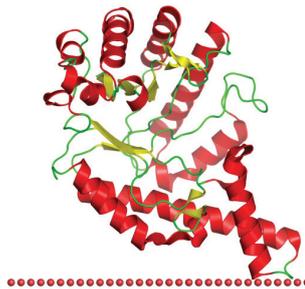
Hyaluronidase is often used in conjunction with collagenase to dissociate the extracellular matrix between cells of animal tissue, in order to release viable cells for use in tissue culture. It may also be used to clarify synovial fluids in order to make cell counts possible.

Why choose BBI for your supply?

BBI Solutions (BBI) is a leading manufacturer of high quality hyaluronidase.

We have manufactured hyaluronidase for over 40 years, under a quality system compliant with the latest ISO 13485:2016 standard requirements.

Using our expertise in bulk extraction and protein purification we achieve exceptional quality, making BBI the supplier of choice.



Key Benefits

+ BATCH-TO-BATCH CONSISTENCY

Our processes are well controlled to ensure batch-to-batch consistency

+ EDQM

We maintain a Certificate of Suitability for TSE/BSE Risk Management issued by the EDQM for all materials.

+ HIGH QUALITY MATERIAL

Enabling consistent performance

+ BULK EXTRACTION CAPABILITY

We are able to offer large volumes to your exact product specification

+ SECURE SUPPLY

We have direct relationships with our raw material suppliers to ensure a secure supply chain

+ COST EFFECTIVE

Bovine and ovine hyaluronidase offer a cost effective alternative to recombinant products



Order your evaluation sample today

| | | |
|-----------------------|-----------|----------------------|
| Bovine grades: | 081246BBI | > 1000 U/mg material |
| | 081240BBI | > 500 U/mg material |
| | 081245BBI | > 350 U/mg material |
| Ovine grades: | 081239BBI | > 400 U/mg material |

*EDQM certified

FAQs

HOW IS HYALURONIDASE PRODUCED?

BBI extracts hyaluronidase from either bovine or ovine testes using multiple precipitation, fractionation, filtration and chromatography steps.

ARE CUSTOMISED PRODUCT SPECIFICATIONS AVAILABLE?

We will profile your requirements against our process capability to meet a specification suitable to your needs. If your product specification falls outside our process capability, the project will be handled by our R&D department.

HOW SHOULD THE MATERIAL BE STORED?

We recommend you store the material at freezer conditions (-10°C to -25°C).

Product Analysis

An example of typical batch data

| Aspect | Description | Units | Limits | Result |
|--------------------------------------|-------------------------------|---------------|----------|----------|
| Preparation | Bovine Testes | N/A | N/A | N/A |
| Activity | Assay | U/mg material | ≥500 | 749 |
| Additional Data | Loss on drying | % | <5 | 1 |
| | Identification | N/A | Positive | Complies |
| | Appearance of Solution | N/A | Clear | Complies |
| Micro-biological Data | pH (3mg/ml aqueous solution) | N/A | 4.5-7.5 | 5.2 |
| | <i>Salmonella</i> | cfu/10g | 0 | 0 |
| | <i>Pseudomonas aeruginosa</i> | cfu/g | 0 | 0 |
| | <i>E.coli</i> | cfu/g | 0 | 0 |
| | Total Aerobic Microbial Count | cfu/g | 1000 | 50 |
| Total Combined Mould and Yeast Count | cfu/g | 1000 | < 10 | |

Related Product

| Application Area | Product Name | Code | Activity |
|------------------|----------------------|-----------|-----------------------------------|
| Bulk Enzymes | Mucopolysaccharidase | 081237M08 | > 40 Chondroitinase U/mg Material |

Order a sample today sales@bbisolutions.com

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