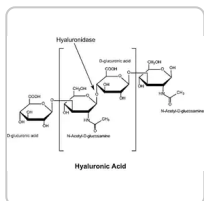


Saisir le nom du produit, le numéro de lot, etc.



Toutes les  
photos (5)

Documents

↓ FDS

🔍 COO/COA

📄 Fiche des  
caractéristiques

Plus de  
documents »

**H3506** ▶ **Sigma-Aldrich.**

## Hyaluronidase from bovine testes

★★★★★ (0)

Type I-S, lyophilized powder, 400-1000 units/mg solid

Synonyme(s):

Hyaluronate 4-glycanohydrolase, Hyaluronoglucosaminidase

Numéro CAS: **37326-33-3**

Numéro EC: **253-464-3**

NACRES: NA.54

Numéro de classification  
(Commission des enzymes):

**3.2.1.35 (BRENDA, IUBMB)**

Numéro MDL:

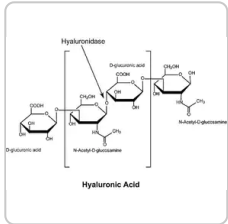
**MFCD00131351**

| Référence   | Conditionnement | Disponibilité                                                             | Prix       | Quantité                                                      |
|-------------|-----------------|---------------------------------------------------------------------------|------------|---------------------------------------------------------------|
| H3506-100MG | 100 MG          | ✓ Date d'expédition estimée le 10 octobre 2022 <a href="#">Détails...</a> | 56,00 €    | <input type="text" value="-"/> <input type="text" value="+"/> |
| H3506-500MG | 500 MG          | ✓ Date d'expédition estimée le 08 novembre 2022                           | 177,00 €   | <input type="text" value="-"/> <input type="text" value="+"/> |
| H3506-1G    | 1 G             | ✓ Date d'expédition estimée le 10 octobre 2022 <a href="#">Détails...</a> | 307,00 €   | <input type="text" value="-"/> <input type="text" value="+"/> |
| H3506-5G    | 5 G             | ✓ Only 5 left in stock (more on the way) <a href="#">Détails...</a>       | 1 110,00 € | <input type="text" value="-"/> <input type="text" value="+"/> |

[Demander une commande en gros](#)

[Ajouter au panier](#)

# PRODUITS RECOMMANDÉS

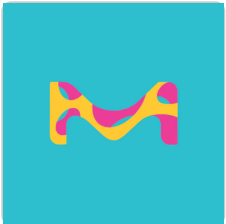


Sigma-Aldrich

**H3884**

**Hyaluronidase from bovine testes**

Type IV-S, lyophilized powder (essentially salt-free), 750-3000 units/mg solid



**H1115000**

**Hyaluronidase**

European Pharmacopoeia (EP) Reference Standard

[Consulter le prix et la disponibilité](#)

[Consulter le prix et la disponibilité](#)

# PROPRIÉTÉS

|                   |                                        |
|-------------------|----------------------------------------|
| Type              | Type I-S                               |
| Niveau de qualité | 200                                    |
| Forme             | lyophilized powder                     |
| specific activity | 400-1000 units/mg solid                |
| Poids mol.        | ~55 kDa (four subunits of 14 kDa each) |

N° d'accession UniProt

**Q5E985**

**Q8SQG8**

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|                |                                |
|----------------|--------------------------------|
| application(s) | diagnostic assay manufacturing |
|----------------|--------------------------------|

---

|                    |         |
|--------------------|---------|
| Expédié(e)(s) dans | wet ice |
|--------------------|---------|

---

|                   |       |
|-------------------|-------|
| Temp. de stockage | -20°C |
|-------------------|-------|

---

|                  |                                                                       |
|------------------|-----------------------------------------------------------------------|
| Gene Information | cow ... <a href="#">HYAL1(515397)</a> , <a href="#">HYAL2(281838)</a> |
|------------------|-----------------------------------------------------------------------|

---

Vous recherchez des produits similaires ? Visit [Guide de comparaison des produits](#)

## Catégories apparentées

[Tissue Dissociation](#)

---

## DESCRIPTION

### Application

Hyaluronidase from bovine testes has been used for the digestion of breast tissue, heart tissue and oocytes for isolation of cells.

### Conditionnement

100, 500 mg in poly bottle

1, 5 g in poly bottle

### Actions biochimiques/physiologiques

Hyaluronidase degrades hyaluronan and has been found to be inappropriately regulated during cancer progression.

These enzymes randomly cleave  $\beta$ -N-acetylhexosamine-[1 $\rightarrow$ 4] glycosidic bonds in hyaluronic acid, chondroitin, and chondroitin sulfates.

## Définition de l'unité

One unit will cause a change in % transmittance at 600 nm of 0.330 per minute at pH 5.35 at 37 °C in a 2.0 mL reaction mixture (45 minute assay).

## Autres remarques

View more information on [enzymes for complex carbohydrate analysis](https://www.sigma-aldrich.com/enzymeexplorer) at [www.sigma-aldrich.com/enzymeexplorer](https://www.sigma-aldrich.com/enzymeexplorer)

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## PRODUITS APPARENTÉS

### Recommandé(E)(S)

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#### H3757

Hyaluronidase from bovine testes, Type VIII, lyophilized powder, 300-1,000 U/mg

[View Pricing](#)

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## INFORMATIONS SUR LA SÉCURITÉ

**Code de la classe de  
stockage**

11 - Combustible Solids

**WGK**

WGK 3

**Flash Point(F)**

Not applicable

**Point d'éclair C**

Not applicable

## Équipement de protection individuelle

Eyeshields, Gloves, type N95 (US)

---

## DOCUMENTATION

### Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

**Comment saisir un numéro de lot (COA)**

**Rechercher**

### Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

**Comment saisir un numéro de lot (COO)**

**Rechercher**

## Plus De Documents

[Enzyme Explorer](#)

[FDS](#)

## LES CLIENTS ONT ÉGALEMENT CONSULTÉ

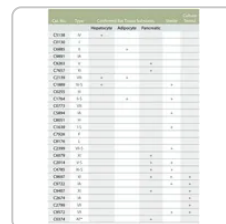


Sigma-Aldrich

**HX0514**

Hyaluronidase - CAS 37326-33-3 - Calbiochem

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

**C0130**

Collagenase from *Clostridium histolyticum*

for general use, Type I, 0.25-1.0 FALGPA units/mg solid,  
≥125 CDU/mg solid

[Consulter le prix et la disponibilité](#)

## QUESTIONS FRÉQUEMMENT POSÉES (FAQ)

### How does the storage temperature relate to shipping conditions?

The storage conditions that a Sigma-Aldrich catalog and label recommend for products are deliberately conservative. For many products, long-term storage at low temperatures will increase the time during which they are expected to remain in specification and therefore are labeled accordingly. Where short-term storage, shipping time frame, or exposure to conditions other than those recommended for long-term storage will not affect product quality, Sigma-Aldrich will ship at ambient temperature. The products sensitive to short-term exposure to conditions other than their recommended long-term storage are shipped on wet or dry ice. Ambient temperature shipping helps to control shipping costs for our customers. At any time, our customers can request wet- or dry-ice shipment, but the special handling is at customer expense if our product history indicates that the product is stable for regular shipment. See [Shipping and Storage](#) for more information.

### How is Hyaluronidase from bovine testes, Product H3506, solubilized?

It is soluble at 1 mg/ml in 0.02 M phosphate buffer, pH 7 containing 77 mM sodium chloride and 0.01% bovine serum albumin.

### **How is a solution of Hyaluronidase from bovine testes, Product H3506, stored?**

Prepare fresh solutions directly before use since stock solutions are not stable for storage.

### **Can Hyaluronidase from bovine testes, Product H3506, be used on humans?**

No. None of our packaged research products are for human use.

### **What is the shelf life of Product H3506, Hyaluronidase from bovine testes?**

Product H3506, Hyaluronidase from bovine testes, has a Recommended Retest period of two years (period of time between the Quality Control Release and Recommended Retest dates). This date assigns the time frame during which the batch is expected to remain within established specifications if stored under Sigma-Aldrich's defined conditions, which for product H3506 is at -20°C. This information is provided on the Product's lot specific Certificate of Analysis.

### **Which document(s) contains shelf-life or expiration date information for a given product?**

If available for a given product, the recommended re-test date or the expiration date can be found on the Certificate of Analysis.

### **How do I get lot-specific information or a Certificate of Analysis?**

The lot specific COA document can be found by entering the lot number above under the "Documents" section.

### **How do I find price and availability?**

There are several ways to find pricing and availability for our products. Once you log onto our website, you will find the price and availability displayed on the product detail page. You can contact any of our Customer Sales and Service offices to receive a quote. USA customers: 1-800-325-3010 or view [local office numbers](#).

### **What is the Department of Transportation shipping information for this product?**

Transportation information can be found in Section 14 of the product's (M)SDS. To access the shipping information for this material, use the link on the product detail page for the product.

### **My question is not addressed here, how can I contact Technical Service for assistance?**

Ask a Scientist [here](#).

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## ARTICLES REVUS PAR DES PAIRS

### Highly efficient gene transfer into adult ventricular myocytes by recombinant adenovirus.

**Kirshenbaum LA et al.**

*The Journal of Clinical Investigation*, 92, 381-381 (1993)

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### Effect of pressure at primary drying of freeze-drying mouse sperm reproduction ability and preservation potential.

**Kawase Y et al.**

*Reproduction (Cambridge, England)*, 133, 841-841 (2007)

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### Laser-ultrasonic delivery of agents into articular cartilage.

**Heikki J Nieminen et al.**

*Scientific reports*, 7(1), 3991-3991 (2017-06-24)

Research is ongoing to develop drug therapies to manage osteoarthritis (OA) and articular cartilage (AC) injuries. However, means to deliver drug to localized AC lesions are highly limited and not clinically available. This study investigates the capability of laser ultrasound

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### Resistance to checkpoint blockade therapy through inactivation of antigen presentation.

**Moshe Sade-Feldman et al.**

*Nature communications*, 8(1), 1136-1136 (2017-10-27)

Treatment with immune checkpoint blockade (CPB) therapies often leads to prolonged responses in patients with metastatic melanoma, but the common mechanisms of primary and acquired resistance to these agents remain incompletely characterized and have yet to be validated in large

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### A SAGE (serial analysis of gene expression) view of breast tumor progression.

**Porter DA et al.**

*Cancer Research*, 61, 5697-5697 (2001)

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[Afficher tous les articles scientifiques apparentés](#)

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## PROTOCOLES ET ARTICLES SCIENTIFIQUES

### Articles

#### Carbohydrate Analysis III

A key resource feature at our Enzyme Explorer section of biochemicals is "Enzymes for Carbohydrate Analysis and Digestion." Offering kits, reagents, analysis, lists of enzymes related to PTM and carbohydrate metabolism.

#### Glycosaminoglycan Sulfation and Signaling

Glycosaminoglycans are large linear polysaccharides constructed of repeating disaccharide units.

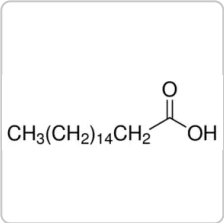
### Protocoles

#### Enzymatic Assay of Hyaluronidase (3.2.1.35)

This procedure may be used for Hyaluronidase products.

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## PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

**H3500**

Heptadecanoic acid

≥98%

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

**H3393**

Heparin sodium salt from porcine intestinal mucosa

Grade I-A, ≥180 USP units/mg

[Consulter le prix et la disponibilité](#)

>

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# Évaluations



Soyez le premier à donner votre avis sur ce produit

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# Questions

Soyez le premier à poser une question

## SERVICE TECHNIQUE

Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche, notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

**Contactez notre Service technique**

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