



Toutes les
photos (8)

Documents



FDS



COO/COA



Fiche des
caractéristiques

H3149 ► Sigma-Aldrich.

Heparin sodium salt from porcine intestinal mucosa

★★★★★ 5.0 (1)

Grade I-A, ≥180 USP units/mg, powder, BioReagent, suitable for cell culture

Numéro CAS:

9041-08-1

Numéro MDL:

MFCD00081689

NACRES:

NA.21

Référence	Conditionnement	Disponibilité	Prix	Quantité
H3149-10KU	10000 UNITS	 Only 5 left in stock (more on the way) Les fabricants de produits de diagnostic devraient utiliser un produit d'une autre qualité : SRE0027	56,20 €	56,20 €
H3149-25KU	25000 UNITS	 Date d'expédition estimée le 10 octobre 2022	117,00 €	117,00 €
H3149-50KU	50000 UNITS	 Only 3 left in stock (more on the way)	125,00 €	125,00 €
H3149-100KU	100000 UNITS	 Only 6 left in stock (more on the way)	182,00 €	182,00 €
H3149-250KU	250000 UNITS	 Date d'expédition estimée le 10 octobre 2022	414,00 €	414,00 €

Référence	Conditionnement	Disponibilité	Prix	Quantité
H3149-500KU	500000 UNITS	✓ Only 1 left in stock (more on the way) Détails...	744,00 €	1 − + i
H3149-1MU	1000000 UNITS	✓ Date d'expédition estimée le 03 novembre 2022	1500,00 €	1 − + i

[Demander une commande en gros](#)

[Ajouter au panier](#)

PRODUITS RECOMMANDÉS



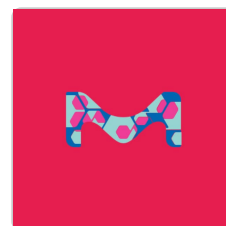
Sigma-Aldrich

H3393

Heparin sodium salt from porcine intestinal mucosa

Grade I-A, ≥180 USP units/mg

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

B9806

Heparin-biotin sodium salt

≥97%

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Source biologique

Porcine intestinal mucosa

Niveau de qualité	200
Type	Grade I-A
Gamme de produits	BioReagent
Forme	powder
specific activity	≥180 USP units/mg
technique(s)	cell culture mammalian: suitable
Solubilité	H ₂ O: 50 mg/mL

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

Catégories apparentées

[Carbohydrates](#)

DESCRIPTION

Description générale

Heparin is mainly responsible for the delay in the coagulation of blood. It enhances the antithrombin-mediated inactivation of proteases in the coagulation pathway.

Application

- Heparin sodium salt from porcine intestinal mucosa has been used in sLRP (soluble circulating low density lipoprotein receptor-related protein-1) purification from human plasma.
- It has been used as a supplement in M199 medium for culturing of human umbilical vein endothelial cells.
- It has been used as an anticoagulant agent during isolation of blood.

Conditionnement

10000, 25000, 50000, 100000, 250000, 500000, 1000000 units in poly bottle

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 2

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

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

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

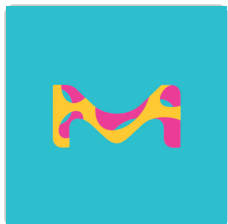
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



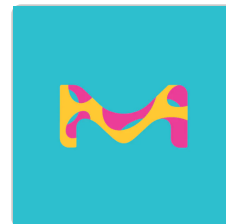
USP

1304107

Heparin Sodium Molecular Weight Calibrant

United States Pharmacopeia (USP) Reference Standard

[Consulter le prix et la disponibilité](#)



USP

1304049

Heparin Sodium System Suitability

United States Pharmacopeia (USP) Reference Standard

[Consulter le prix et la disponibilité](#)



QUESTIONS FRÉQUEMMENT POSÉES (FAQ)

How is Heparin sodium salt from porcine intestinal mucosa, Product H3149, solubilized?

Heparin sodium salt from porcine intestinal mucosa is soluble in deionized water at a concentration of 50 mg/mL.

How much of Heparin sodium salt from porcine intestinal mucosa, Product H3149, is used for cell culture?

Solutions at 0.5 mg per mL were tested in cell culture. Start at this concentration, and titer from there to determine the optimal concentration for usage.

How are solutions Heparin sodium salt from porcine intestinal mucosa, Product H3149, stored?

Solutions can be stored at 2-8°C for up to 2 years, if sterile filtered through a 0.22 micron filter. Benzyl alcohol (0.06-1%) can be added to solutions to prevent microbial growth.

How many milligrams of Heparin sodium salt, Product H3149, are in the bottle?

The potency, in units/mg, is lot-specific; the value can be found on the certificate of analysis. It is typically over 140 units per mg. The number of milligrams can be calculated by dividing the number of units by the potency in units per mg.

What is the molecular weight of Heparin sodium salt?

Heparin is a mixture of polyanion chains having molecular weights ranging from 6,000 to 30,000 Daltons, with most chains in the range of 17,000 to 19,000 Daltons.

How much Heparin sodium salt, is used to prevent coagulation?

We suggest using 20 to 50 units per mL of blood.

What is the best way to sterilize Heparin sodium salt?

Although solutions may be autoclaved at 121 °C for 5 to 10 minutes, we generally recommend sterile filtration. This is because prolonged autoclaving may have an effect on its activity.

What concentration of Heparin sodium salt, can I use to inhibit RNase activity?

Heparin has been used at concentrations ranging from 100 to 500 µg/mL. This has been reported in the J. Biol. Chem., 248, 2095 (1973).

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](#).

ARTICLES REVUS PAR DES PAIRS

[Exosomes isolated from cancer patients' sera transfer malignant traits and confer the same phenotype of primary tumors to oncosuppressor-mutated cells.](#)

Mohamed Abdouh et al.

Journal of experimental & clinical cancer research : CR, 36(1), 113-113 (2017-09-01)

Horizontal transfer of malignant traits from the primary tumor to distant organs, through blood circulating factors, has recently become a thoroughly studied metastatic pathway to explain cancer dissemination. Recently, we reported that oncosuppressor gene-mutated human cells undergo malignant transformation when

Factor Xa and thrombin, but not factor VIIa, elicit specific cellular responses in dermal fibroblasts.

Bachli EB et al.

Journal of Thrombosis and Haemostasis, 1, 1935-1935 (2003)

Endothelial angiogenesis is directed by RUNX1T1-regulated VEGFA, BMP4 and TGF- β 2 expression.

Ko-Hsun Liao et al.

PloS one, 12(6), e0179758-e0179758 (2017-06-24)

Tissue angiogenesis is intimately regulated during embryogenesis and postnatal development. Defected angiogenesis contributes to aberrant development and is the main complication associated with ischemia-related diseases. We previously identified the increased expression of RUNX1T1 in umbilical cord blood-derived endothelial colony-forming cells

Impaired lipoprotein receptor-mediated peripheral binding of plasma amyloid- β is an early biomarker for mild cognitive impairment preceding Alzheimer's disease.

Sagare AP et al.

Journal of Alzheimer's Disease, 24, 25-25 (2011)

Determinants of Zika virus host tropism uncovered by deep mutational scanning.

Yin Xiang Setoh et al.

Nature microbiology, 4(5), 876-887 (2019-03-20)

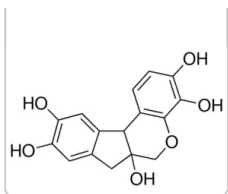
Arboviruses cycle between, and replicate in, both invertebrate and vertebrate hosts, which for Zika virus (ZIKV) involves Aedes mosquitoes and primates¹. The viral determinants required for replication in such obligate hosts are under strong purifying selection during natural virus evolution

Afficher tous les articles scientifiques apparentés

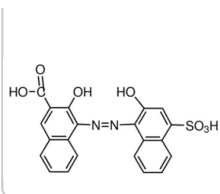
PRODUITS CONSULTÉS RÉCEMMENT

Sigma-Aldrich

Sigma-Aldrich

**H3136****Hematoxylin**

certified by the Biological Stain Commission

[Consulter le prix et la disponibilité](#)**H3128****Calconcarboxylic acid**[Consulter le prix et la disponibilité](#)

Évaluations

[Rédiger une évaluation](#)

Description sommaire de la notation

Sélectionnez une ligne ci-dessous pour filtrer les avis.

5 ★		1
4 ★		0
3 ★		0
2 ★		0
1 ★		0

Notes moyennes des clients

Générale ★★★★★ 5.0

Patricia ★★★★★ · il y a 5 mois

Seattle, WA

HEPARAIN

Avis 1

dissolves readily and freeze some aliquots for later use

Votes 0

[Traduire avec Google](#)

Recommande ce produit  Oui

Utile? [Oui · 0](#) [Non · 0](#) [Signaler](#)

★★★★★ 5.0 | [1 avis](#)

Rechercher des questions et des réponses



1
avis

0
questions

0
réponses

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..

[Contacter notre Service technique](#)