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documents

D1556 **Sigma-Aldrich.**

OptiPrep™ Density Gradient Medium

★★★★★ (0)

used for cell and subcellular organelle isolation

Synonyme(s):

Iodixanol solution

Numéro CAS: **92339-11-2**

Numéro MDL: **MFCD00867965**

ID de substance PubChem: **329798703**

NACRES: NA.75

Référence	Conditionnement	Disponibilité	Prix	Quantité
D1556-250ML	250 ML	Disponible pour expédition le 07 octobre 2022 Détails...	564,00 €	- +

[Demander une commande en gros](#)

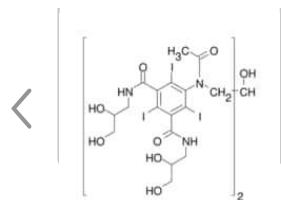
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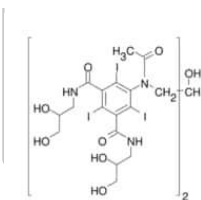
PRODUITS RECOMMANDÉS

Y0001294

USP

**Iodixanol**

European Pharmacopoeia (EP) Reference Standard

[Consulter le prix et la disponibilité](#)**1343517****Iodixanol**

United States Pharmacopeia (USP) Reference Standard

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Niveau de qualité	200
Forme	liquid
application(s)	hematology histology
SMILES string	<chem>CC(=O)N(CC(O)CN(C(C)=O)c1c(I)c(C(=O)NCC(O)CO)c(I)c(C(=O)NCC(O)CO)c1I)c2c(I)c(C(=O)NCC(O)CO)c(I)c(C(=O)NCC(O)CO)c2I</chem>
InChI	1S/C35H44I6N6O15/c1-13(52)46(30-26(38)20(32(59)42-3-15(54)9-48)24(36)21(27(30)39)33(60)43-4-16(55)10-49)7-19(58)8-47(14(2)53)31-28(40)22(34(61)44-5-17(56)11-50)25(37)23(29(31)41)35(62)45-6-18(57)12-51/h15-19,48-51,54-58H,3-12H2,1-2H3,(H,42,59)(H,43,60)(H,44,61)(H,45,62)
InChI key	NBQNWMBBSKPBAY-UHFFFAOYSA-N

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Catégories apparentées

[Cell Separation Media](#)[Hematology Stains](#)

Histology Stains

DESCRIPTION

Application

OptiPrep™ Density Gradient Medium has been used in the non enveloped virion isolation from bronchoalveolar lavage. Density gradient is also suitable for:

- isolation of cells and cell organelles
- virus purification
- isolation of lipoproteins and macromolecules

Conditionnement

250 mL in poly bottle

Autres remarques

60% (w/v) solution of iodixanol in water (sterile).

Informations légales

OptiPrep is a trademark of Serumwerk Bernburg AG



INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de

WGK

Flash Point(F)

Point d'éclair C

stockage

WGK 1

Not applicable

Not applicable

10 - Combustible liquids

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)

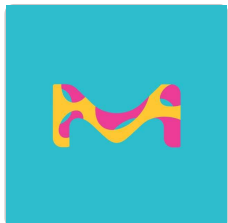
Rechercher

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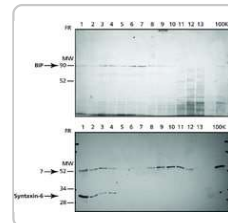
Plus De Documents

[Structure Search](#)[FDS](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ

**Y0001293****Iodixanol impurity H**

European Pharmacopoeia (EP) Reference Standard

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Sigma-Aldrich

ER0100**Endoplasmic Reticulum Isolation Kit**

isolation of intact ER from mammalian soft tissues and cultured cells

[Consulter le prix et la disponibilité](#)

QUESTIONS FRÉQUEMMENT POSÉES (FAQ)

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.

Why choose Product D1556, OptiPrep, instead of other density gradients such as Percoll or Histopaque?

Percoll and Histopaque must be removed prior to use through washing. If Percoll and Histopaque are not removed, these density gradients can be toxic to mammalian cells. In comparison, OptiPrep has no potential for bioaccumulation and can be considered nontoxic to cells. OptiPrep also has lower viscosity as compared to polysucrose based products such as Histopaque or Ficoll.

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What is the appearance of Product D1556, OptiPrep?

The solution may be clear to slightly yellow.

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.

How do I store solutions of Product D1556, OptiPrep™ Density Gradient Medium?

After diluting Product D1556, OptiPrep™ Density Gradient Medium, to the required density, the solution can be stored at 4°C. It should be mixed well before use to make sure it has not settled.

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

Ask a Scientist [here](#).

ARTICLES REVUS PAR DES PAIRS

Adeno-associated virus gene therapy with cholesterol 24-hydroxylase reduces the amyloid pathology before or after the onset of amyloid plaques in mouse models of Alzheimer's disease.

Eloise Hudry et al.

Molecular therapy : the journal of the American Society of Gene Therapy, 18(1), 44-53 (2009-08-06)

The development of Alzheimer's disease (AD) is closely connected with cholesterol metabolism. Cholesterol increases the production and deposition of amyloid-beta (Abeta) peptides that result in the formation of amyloid plaques, a hallmark of the pathology. In the brain, cholesterol is


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Live imaging looks deeper.

Tanner C Fadero et al.
eLife, 6 (2017-09-05)

Iodixanol provides an easy and affordable solution to a problem that has limited resolution and brightness when imaging living samples.

WU Polyomavirus in Respiratory Epithelial Cells from Lung Transplant Patient with Job Syndrome

Erica A. S, et al.
Emerging Infectious Diseases, 21(1), 103-106 (2015)

Efficient Inhibition of Human Papillomavirus Infection by L2 Minor Capsid-Derived Lipopeptide.

Huan Yan et al.
mBio, 10(4) (2019-08-08)

The amino (N)-terminal region of human papillomavirus (HPV) minor capsid protein (L2) is a highly conserved region which is essential for establishing viral infection. Despite its importance in viral infectivity, the role of the HPV N-terminal domain has yet to

Intramembrane processing by signal peptide peptidase regulates the membrane localization of hepatitis C virus core protein and viral propagation.

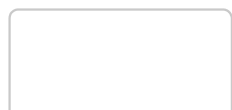
Kiyoko Okamoto et al.
Journal of virology, 82(17), 8349-8361 (2008-06-20)

Hepatitis C virus (HCV) core protein has shown to be localized in the detergent-resistant membrane (DRM), which is distinct from the classical raft fraction including caveolin, although the biological significance of the DRM localization of the core protein has not

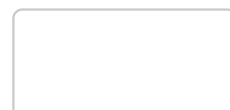
[Afficher tous les articles scientifiques apparentés](#)

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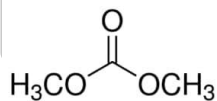
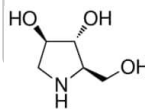
PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich
D152927



Sigma-Aldrich
D1542

**Dimethyl carbonate***ReagentPlus®*, 99%[Consulter le prix et la disponibilité](#)

• HCl

**1,4-Dideoxy-1,4-imino-D-arabinitol
hydrochloride**

enzyme inhibitor

[Consulter le prix et la disponibilité](#)

Évaluations

[Soyez le premier à donner votre avis sur ce produit](#)

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..

HAUT[Contacter notre Service technique](#)

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