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



F9378 ▶ **Sigma-Aldrich**

Ficoll® 400

★★★★★ (0)

Type 400-DL, lyophilized powder



[Toutes les photos](#) (5)

Synonyme(s):

Polysucrose 400

Numéro CAS:

26873-85-8

Numéro MDL:

MFCD00081599

Select an Option

Référence

F9378-5G



5 G

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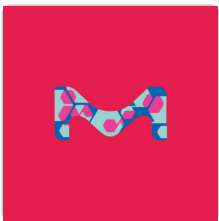
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Documents

- [↓ FDS](#)
- [🔍 COO/COA](#)
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PRODUITS RECOMMANDÉS



Sigma-Aldrich
F4375
Ficoll® PM 400
Type 400

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PROPRIÉTÉS

Source biologique
sugar beets (*Beta vulgaris*)

Niveau de qualité
200

Type

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H₂O: soluble 100 mg/mL, clear to slightly hazy, colorless to faintly yellow

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

DESCRIPTION

Application

Ficoll® 400 is used together with sodium diatrizoate (Paque) to create Ficoll-Paque, a density mixture, used for the separation of cells and organelles, especially blood derived lymphocytes and monocytes. Ficoll 400 may be used for the development of new cell and organelle separation systems. Ficoll 400 is used in tissue engineering and macromolecular conformation research for the development, evaluation and use of macromolecular crowding (MMC) systems and configurations.

Used for cell separation and organelle isolation.

Conditionnement

5, 10, 25, 100, 500 g in poly bottle

Autres remarques

A nonionic synthetic polymer of sucrose.

Dialyzed

Informations légales

Ficoll is a registered trademark of Cytiva

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

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Formulaire de contact

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).

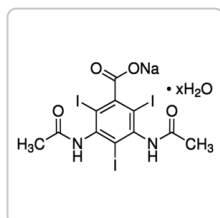
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

S4506

Sodium diatrizoate hydrate

≥98.0%

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ARTICLES REVUS PAR DES PAIRS

Partition behavior of CD133(+) stem cells from human umbilical cord blood in aqueous two-phase systems: In route to establish novel stem cell primary recovery strategies.

Mirna González-González et al.

Biotechnology progress, 30(3), 700-707 (2014-01-23)

Aqueous two-phase systems (ATPS) represent a promising strategy for the recovery of CD133(+) stem cells. This particular type of stem cells has great potential for research and clinical applications. Traditional [polyethylene glycol (PEG), dextran (DEX), and ficoll] and novel (Ucon)

Macromolecular crowding effect on cartilaginous matrix production: a comparison of two-dimensional and three-dimensional models.

Bo Chen et al.

Tissue engineering. Part C, Methods, 19(8), 586-595 (2013-02-21)

Macromolecular crowding (MMC) has been shown to have a beneficial effect on production and maturation of extracellular matrices in a monolayer cell culture model. To explore its potential in tissue engineering, a mixture of Ficoll 70 and Ficoll 400 is

A novel model for in vivo quantification of immediate liver perfusion impairment after pancreatic islet transplantation.

Lucie Kosinova et al.

Islets, 11(6), 129-140 (2019-09-10)

Instant Blood-Mediated Inflammatory Reaction (IBMIR) is a major cause of graft loss during pancreatic islet transplantation, leading to a low efficiency of this treatment method and significantly limiting its broader clinical use. Within the procedure, transplanted islets obstruct intrahepatic portal

[Improved methods of isolation and purification of rat islets and its viability research].

Yanyan Xu et al.

Zhongguo xiu fu chong jian wai ke za zhi = Zhongguo xiufu chongjian waikē zazhi = Chinese journal of reparative and reconstructive surgery, 24(4), 406-409 (2010-05-13)

The purity and activity of islets will greatly affect the outcome of xenotransplantation therapy of type 1 diabetes mellitus. To set up an improved method of the isolation and purification of rat islets, which can obtain high-purity, high-yield, and high-viability

FOCAD loss impacts microtubule assembly, G2/M progression and patient survival in astrocytic gliomas.

Frank Brand et al.

Acta neuropathologica, 139(1), 175-192 (2019-09-02)

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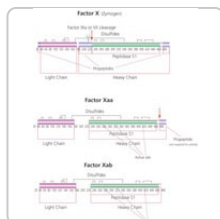
PROTOCOLES ET ARTICLES SCIENTIFIQUES

Protocoles

Ficoll® 400 for Gradient Centrifugation

Ficoll 400® is a highly branched polymer formed by the copolymerization of sucrose and epichlorohydrin. Ficoll 400® is completely non-ionic. Because of the abundance of hydroxyl groups, Ficoll 400® is very hydrophilic and...

PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

F9302

Factor X Activated (Xa) from bovine plasma
aqueous glycerol solution

[Consulter le prix et la disponibilité](#)

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Évaluations



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