[Toutes les photos \(1\)](#)**P1644** ▶ **Sigma-Aldrich.****Percoll®**

★★★★★ (0)

pH 8.5-9.5 (20 °C)

Numéro MDL:

MFCD00131830

NACRES:

NA.75

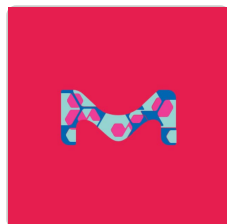
Documents

[FDS](#)[COO/COA](#)[Fiche des caractéristiques](#)[Plus de documents](#) »

Référence	Conditionnement	Disponibilité	Prix	Quantité
P1644-25ML	25 ML	✓ Only 4 left in stock (more on the way) Détails...	64,10 €	— + 
P1644-100ML	100 ML	✓ Only 4 left in stock (more on the way) Détails...	182,00 €	— + 
P1644-500ML	500 ML	✓ Disponible pour expédition le 10 octobre 2022 Détails...	556,00 €	— + 
P1644-1L	1 L	✓ Only 3 left in stock (more on the way) Détails...	972,00 €	— + 

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PRODUITS RECOMMANDÉS



Sigma-Aldrich

P4937**Percoll®**

pH 8.5-9.5 (25 °C), suitable for cell culture

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

GE17-0891-01**Percoll®**

Cytiva 17-0891-01, pack of 1 L

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Stérilité	aseptically filled
Niveau de qualité	200
Couleur	clear colorless to faint yellow
pH	8.5-9.5 (20 °C)
application(s)	hematology histology
Temp. de stockage	2-8°C

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

Catégories apparentées

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

DESCRIPTION

Description générale

Percoll® is a classic medium for density gradient centrifugation of cells, viruses, and subcellular particles. Percoll consists of colloidal silica particles of 15–30 nm diameter (23% w/w in water), which have been coated with polyvinylpyrrolidone (PVP). The PVP coating renders the product completely non-toxic and ideal for use with biological materials.

Application

Percoll consists of colloidal silica particles of 15-30 nm diameter (23% w/w in water) which have been coated with polyvinylpyrrolidone (PVP). It is used to establish non-toxic low viscosity, low osmolarity density gradients that can be used to isolate cells, organelles and viruses. It has been used to separate inner and outer membrane vesicles from *E. coli*. Percoll is isosmotic throughout the gradient, non-toxic, and is easily removed from the purified materials.

Percoll® has been used in sperm preparation to study the energy requirements of bovine embryos.

Informations légales

Percoll is a registered trademark of Cytiva

PRODUITS APPARENTÉS

Produit Apparenté

08168

Timestrip Plus™ 8 °C

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

10 - Combustible liquids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Gloves

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

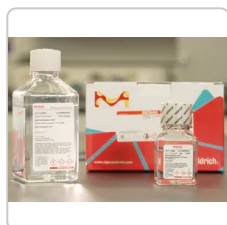
[Comment saisir un numéro de lot \(COO\)](#)

[Rechercher](#)

Fiche D'informations Produit

[Product Information Sheet - P1644](#)
[FDS](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

10771

Histopaque®-1077

sterile-filtered, density: 1.077 g/mL

[Consulter le prix et la disponibilité](#)

Millipore

CBL481

Anti-Integrin β 1 Antibody, clone TDM29

clone TDM29, Chemicon®, from mouse

[Consulter le prix et la disponibilité](#)

QUESTIONS FRÉQUEMMENT POSÉES (FAQ)

Can you help me calculate gradients for Percoll®, Product P1644?

The product information sheet (under Documents, above) has an equation for calculating density of a given solution.

When using Product P1644, Percoll®, what density should I use for my particular system?

The product information sheet (under Documents, above) has a table of densities for different organelles and cell types.

Is there a "best" salt solution to use with Product P1644, Percoll®?

Percoll can be used with various salt formulations (PBS, 1.5 M NaCl, HBSS, etc.). Physiological saline and balanced salt solutions can be suggested. Sucrose is included to prevent aggregation. You can find detailed preparation instructions on the product information sheet (under Documents, above) for this product.

Can Percoll®, Product P1644, be autoclaved?

Percoll can be autoclaved, but this must be done without any salts or sucrose present.

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.

What is the difference between Percoll® Products P4937 and P1644?

Product Nos. P1644 and P4937 are both Percoll. Product No. P4937 has additional testing for use in cell culture.

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

Ask a Scientist [here](#).

ARTICLES REVUS PAR DES PAIRS

Unveiling Cerebral Leishmaniasis: parasites and brain inflammation in Leishmania donovani infected mice.

Guilherme D Melo et al.

Scientific reports, 7(1), 8454-8454 (2017-08-18)

Visceral leishmaniasis (VL) is a systemic disease with multifaceted clinical manifestations, including neurological signs, however, the involvement of the nervous system during VL is underestimated. Accordingly, we investigated both brain infection and inflammation in a mouse model of VL. Using

A temperature-sensitive mutation of the Schizosaccharomyces pombe gene nuc2+ that encodes a nuclear scaffold-like protein blocks spindle elongation in mitotic anaphase.

T Hirano et al.

The Journal of cell biology, 106(4), 1171-1183 (1988-04-01)

A temperature-sensitive mutant nuc2-663 of the fission yeast Schizosaccharomyces pombe specifically blocks mitotic spindle elongation at restrictive temperature so that nuclei in arrested cells contain a short uniform spindle (approximately 3-micron long), which runs through a metaphase plate-like structure consisting

Mice with an absent stress response are protected against ischemic renal injury.

Rajasree Sreedharan et al.

Kidney international, 86(3), 515-524 (2014-05-09)

Inducible heat shock proteins (HSPs), regulated by heat shock factor-1 (HSF-1), protect against renal cell injury in vitro. To determine whether HSPs ameliorate ischemic renal injury in vivo, HSF-1 functional knockout mice (HSF-KO) were compared with wild-type mice following bilateral

Aged Mouse Cortical Microglia Display an Activation Profile Suggesting Immunotolerogenic Functions.

Tanja Zöller et al.

International journal of molecular sciences, 19(3) (2018-03-02)

Microglia are the resident immune cells of the central nervous system (CNS) and participate in physiological and pathological processes. Their unique developmental nature suggests age-dependent structural and functional impairments that might contribute to neurodegenerative diseases. In the present study, we

Improved methods to isolate and subfractionate rat liver mitochondria. Lipid composition of the inner and outer membrane.

R Hovius et al.

Biochimica et biophysica acta, 1021(2), 217-226 (1990-01-29)

Rat liver mitochondria were isolated by a combination of differential and Percoll gradient centrifugation, resulting in a highly pure and intact preparation, as assessed by marker enzyme analysis, latency of cytochrome-c oxidase, respiratory control index and electron microscopy. Two different

Afficher tous les articles scientifiques apparentés

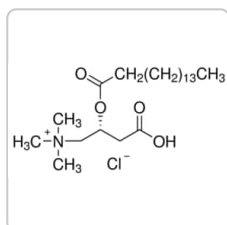
PROTOCOLES ET ARTICLES SCIENTIFIQUES

Protocoles

How to Make and Use Percoll Gradients

To prepare a Percoll gradient, the osmolality of Percoll must be adjusted with saline or cell culture medium to make Percoll isotonic with physiological salt solutions.

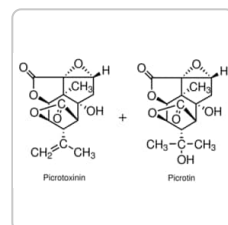
PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

P1645**Palmitoyl-L-carnitine chloride**

≥98% (TLC), powder

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

P1675**Picrotoxin**

powder

[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..

[Contacter notre Service technique](#)

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