[Toutes les photos \(1\)](#)

Documents

[FDS](#)[COO/COA](#)[Fiche des caractéristiques](#)**P5493** ▶ **Sigma-Aldrich**

Phosphate buffered saline

★★★★★ (0)

10× concentrate, BioPerformance Certified, suitable for cell culture

Synonyme(s):

PBS

Numéro MDL:

MFCD00131855

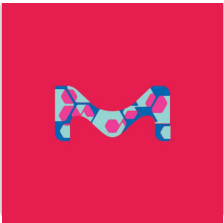
eCl@ss:

32129211

Référence	Conditionnement	Disponibilité	Prix	Quantité
P5493-1L	1 L	✓ Disponible pour expédition le 06 octobre 2022 Détails...	212,00 €	− + 
P5493-4L	4 L	✓ Disponible pour expédition le 06 octobre 2022 Détails...	710,00 €	− + 

[Demander une commande en gros](#)[Ajouter au panier](#)

PRODUITS RECOMMANDÉS



Sigma-Aldrich

P3813

Phosphate buffered saline

powder, pH 7.4, for preparing 1 L solutions

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P4417

Phosphate buffered saline

tablet

[Consulter le prix et la disponibilité](#)



PROPRIÉTÉS

Qualité	BioPerformance Certified for molecular biology
Niveau de qualité	200
Stérilité	0.2 µm filtered
Forme	solution
technique(s)	cell culture mammalian: suitable
Impuretés	Bioburden, tested endotoxin, tested ≤5 ppm heavy metals (as Pb)
pH	7.2-7.6 (25 °C)
Adéquation	suitable for

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

Catégories apparentées

Biological Buffers

DESCRIPTION

Application

Phosphate buffered saline has been used:

- as a cell wash solution in human dental pulp stem cells (DPSCs)
- for perfusion studies in dissected brain samples
- as wash solution for neurons culture cells sample preparation for immunofluorescence and immunocytochemical labelling
- as wash solution for ovary and sperm during *in vitro* culture and fertilization

Conditionnement

4L package size comes in a box with a spigot for spill free dispensing.

Autres remarques

When diluted to a 1X concentration, this product will yield a phosphate buffered saline solution with a phosphate buffer concentration of 0.01M and a sodium chloride concentration of 0.154M. The solution pH will be 7.4.

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage	WGK	Flash Point(F)	Point d'éclair C
12 - Non Combustible Liquids	WGK 1	Not applicable	Not applicable

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
P38135
Phosphate buffered saline
powder, pH 7.4, for preparing 5 L solutions

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich
D1408
Dulbecco's Phosphate Buffered Saline
10×, Modified, without calcium chloride and magnesium chloride, liquid, sterile-filtered, suitable for cell culture

[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.

Does Product P5493, Phosphate buffered saline (PBS), contain calcium and magnesium?

No, it does not contain calcium and magnesium.

What is the concentration of the 10X stock solution of Product P5493, Phosphate buffered saline (PBS)?

As formulated, the 10X solution is 100 mM phosphate and 1.54 M sodium chloride.

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

Differences in serum steroid hormones concentrations in spontaneously hypertensive

Kozłowska A, et al.

Physiological Research (2018)

Maturation, Fertilization and Implantation of Cattle Ova Cultured in Different Media

Saif AH, et al.

The eurasia proceedings of science, technology, engineering & mathematics., 3(9), 181-188 (2018)

Distribution and Neurochemistry of the Porcine Ileocaecal Valve Projecting Sensory Neurons in the Dorsal Root Ganglia and the Influence of Lipopolysaccharide from Different Serotypes of Salmonella spp. on the Chemical Coding of DRG Neurons in the Cell Cultures

Mikolajczyk A, et al.

International Journal of Molecular Sciences, 19(9), 2551-2551 (2018)

Diverse effect of BMP-2 homodimer on mesenchymal progenitors of different origin

Hrubi E, et al.

Human Cell : Official Journal of Human Cell Research Society, 31(2), 139-148 (2018)

Comprehensive Transcriptional Profiling of the Gastrointestinal Tract of Ruminants from Birth to Adulthood Reveals Strong Developmental Stage Specific Gene Expression.

Stephen J Bush et al.

G3 (Bethesda, Md.), 9(2), 359-373 (2018-12-12)

One of the most significant physiological challenges to neonatal and juvenile ruminants is the development and establishment of the rumen. Using a subset of RNA-Seq data from our high-resolution atlas of gene expression in sheep (*Ovis aries*) we have provided

[Afficher tous les articles scientifiques apparentés](#)

PROTOCOLES ET ARTICLES SCIENTIFIQUES

Protocoles

[Preparation of FSL-Tyr1 Construct Protocol](#)

FSL-Tyr1 is comprised predominantly of an N-formyltyrosine monomer, which can be radiolabeled with 125I

[Cultrex® 3-D Culture Matrix™ Reduced Growth Factor Basement Membrane Extract, PathClear® Protocol](#)

Cultrex® 3-D Culture Matrix™ RGF BME is the first Basement Membrane Extract produced and qualified specifically for use in 3D culture studies.

[Imprint® Chromatin Immunoprecipitation Kit \(CHP1\) Protocol](#)

The Sigma Imprint Chromatin Immunoprecipitation Kit uses a plate based system to allow rapid ChIP assays in a high throughput format

[Cultrex® 96-Well 3D Spheroid BME Cell Invasion Assay Protocol](#)

The 96 Well 3D Spheroid BME Cell Invasion Assay utilizes 3D Culture Qualified 96 Well Spheroid Formation Plate alongside a specialized Spheroid Formation ECM to drive aggregation and/or spheroid formation of cells.

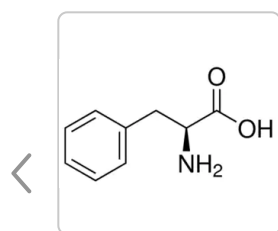
[Afficher tout >](#)

Contenu apparenté

Preparation & Staining of 3D Printed Tissues & Scaffolds

Three-dimensional (3D) printing of biological tissue is rapidly becoming an integral part of tissue engineering.

PRODUITS CONSULTÉS RÉCEMMENT



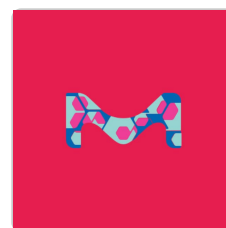
Sigma-Aldrich

P5482

L-Phenylalanine

from non-animal source, meets EP, JP, USP testing specifications, suitable for cell culture, 98.5-101.0%

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

5.05419

α,β-methylene ATP - CAS 104809-20-3 - Calbiochem

[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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