

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





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Documents

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D0819  Sigma-Aldrich.

StableCell™ DMEM - high glucose

★★★★★ (0)

With 4500 mg/L glucose, stable glutamine, and sodium bicarbonate, without sodium pyruvate., liquid, sterile-filtered, suitable for cell culture

Synonyme(s):
Dulbecco's Modified Eagle's Medium - high glucose, DME, DMEM

NACRES: NA.75

Référence	Conditionnement	Disponibilité	Prix	Quantité
D0819-500ML	500 ML	 Only 3 left in stock (more on the way) Détails...	30,00 €	- + 

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PRODUITS RECOMMANDÉS





StableCell™ DMEM - high glucose

With 4500 mg/L glucose, stable glutamine, sodium pyruvate and sodium bicarbonate, liquid, sterile-filtere...

Consulter le prix et la disponibilité



Dulbecco's Modified Eagle's Medium - high glucose

With 4500 mg/L glucose, L-glutamine, sodium pyruvate, and sodium bicarbonate, liquid, sterile-filtered, suitable...

Consulter le prix et la disponibilité

PROPRIÉTÉS

Niveau de qualité	400
Stérilité	sterile-filtered
Forme	liquid
technique(s)	cell culture mammalian: suitable
Adéquation	suitable for
Composants	sodium pyruvate: no glucose: high stable glutamine: yes phenol red: yes NaHCO ₃ : yes HEPES: no
Expédié(e)s dans	ambient
Temp. de stockage	2-8°C

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Catégories apparentées

[Bioprocessing Cell Culture Media](#)

[Classical Media & Buffers](#)

DESCRIPTION

Description générale

This DMEM-Hi glucose medium differs from the original formula, because it is supplemented with L-alanyl-L-glutamine dipeptide. Glutamine is notoriously unstable in cell culture. This dipeptide provides a more stable form of glutamine for use in cell cultures. It also differs from the original DMEM-Hi formulation wherein pyridoxine is substituted for pyridoxal. Pyridoxal is an unstable component of media.

Application

Dulbecco's Modified Eagle's Medium (DMEM) is a modification of Basal Medium Eagle (BME) that contains four-fold concentrations of the amino acids and vitamins. The original formulation contained 1000 mg/L of glucose and was used to culture embryonic mouse cells. Since then, it has been modified in several ways to support primary cultures of mouse and chicken cells, as well as a variety of normal and transformed cells. Each of these media offers a different combination of L-glutamine and sodium pyruvate. Additionally, the glucose levels have been raised to 4500 mg/L, contributing to the name "DMEM/High".

Informations légales

StableCell is a trademark of Sigma-Aldrich Co. LLC

PRODUITS APPARENTÉS

Produit Apparenté

08168

Timestrip Plus™ 8 °C

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

12 - Non Combustible Liquids

WGK
WGK 3

Flash Point(F)
Not applicable

Point d'éclair C
Not applicable

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

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[Rechercher](#)

Certificat d'origine

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

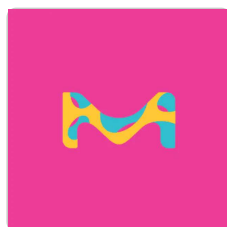
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

[Rechercher](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ

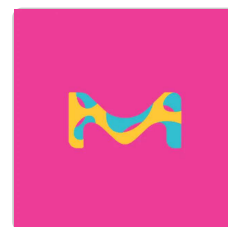


SAFC

FG0445

Dulbecco's Modified Eagle's Medium - high glucose

With 4500 mg/L glucose, L-Ala-L-Gln, sodium pyruvate and sodium bicarbonate, liquid, sterile-filtered, suitable...

[Consulter le prix et la disponibilité](#)

SAFC

56436C

Dulbecco's Modified Eagle's Medium/High Modified

with 4500 mg/L dextrose, with 4.0 mM L-glutamine, without phenol red, without sodium bicarbonate, witho...

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ARTICLES REVUS PAR DES PAIRS

Microstructural, mechanical, corrosion and cytotoxicity characterization of the hot forged FeMn30(wt.%) alloy.

Jaroslav Čapek et al.

Materials science & engineering. C, Materials for biological applications, 58, 900-908 (2015-10-20)

An interest in biodegradable metallic materials has been increasing in the last two decades. Besides magnesium based materials, iron-manganese alloys have been considered as possible candidates for fabrication of biodegradable stents and orthopedic implants. In this study, we prepared a

Long Non-Coding RNA Nuclear-Enriched Abundant Transcript 1 (NEAT1) Represses Proliferation of Trophoblast Cells in Rats with Preeclampsia via the MicroRNA-373/FLT1 Axis.

Lingling Teng et al.

Medical science monitor : international medical journal of experimental and clinical research, 26, e927305-e927305 (2020-10-24)

BACKGROUND Preeclampsia (PE) remains one of the primary causes of maternal morbidity and mortality worldwide. This study was designed to investigate the relevance of long non-coding RNA (lncRNA) nuclear-enriched abundant transcript 1 (NEAT1) and downstream molecules in trophoblast cell proliferation

HTR-8/SVneo: A model for epithelial to mesenchymal transition in the human placenta.

Hiba Msheik et al.

Placenta, 90, 90-97 (2020-02-15)

The placenta is a transitory organ essential for proper fetal maturation and growth. Trophoblasts, the main cell type of the placenta, differentiate along the villous or extravillous pathways. The ability of villous cytotrophoblasts to undergo an epithelial-to-mesenchymal transition to form

miR-802 inhibits the epithelial-mesenchymal transition, migration and invasion of cervical cancer by regulating BTF3.

Xiuhui Wu et al.

Molecular medicine reports, 22(3), 1883-1891 (2020-06-26)

MicroRNA (miR)-802 has been discovered to be involved in the occurrence and development of numerous types of tumor; however, studies into the role of miR-802 in cervical cancer are limited. Therefore, the present study aimed to investigate the regulatory effects of

Transcriptomic Alterations in Lung Adenocarcinoma Unveil New Mechanisms Targeted by the TBX2 Subfamily of Tumor Suppressor Genes.

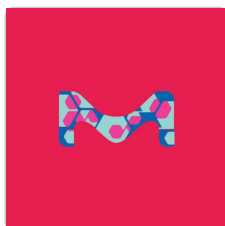
Athar Khalil et al.

Frontiers in oncology, 8, 482-482 (2018-11-15)

T-box (TBX) transcription factors are evolutionary conserved genes and master transcriptional regulators. In mammals, TBX2 subfamily (TBX2, TBX3, TBX4, and TBX5) genes are expressed in the developing lung bud and tracheae. Our group previously showed that the expression of TBX2

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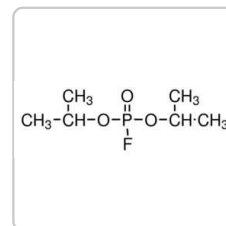
PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

D0822**StableCell™ DMEM - high glucose**

With 4500 mg/L glucose, stable glutamine, sodium pyruvate and sodium bicarbonate, liquid, sterile-filtere...

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

D0879**Diisopropylfluorophosphate**[Consulter le prix et la disponibilité](#)

Évaluations

★★★★★

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Questions

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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..

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