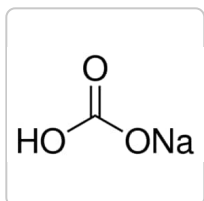


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S8761 ▶ **Sigma-Aldrich**

Sodium bicarbonate solution

★★★★★ (0)

solution (7.5%), sterile-filtered, BioReagent, suitable for cell culture

Synonyme(s):

aqueous sodium bicarbonate

Documents

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

Numéro CAS:

144-55-8

Numéro MDL:

MFCD00003528

ID de substance PubChem:

24899815

NACRES:

NA.75

Référence	Conditionnement	Disponibilité	Prix	Quantité
S8761-100ML	100 ML	✓ Disponible pour expédition le 06 octobre 2022	Détails... 13,30 €	− +
S8761-500ML	500 ML	✓ Only 5 left in stock (more on the way)	Détails... 57,90 €	− +

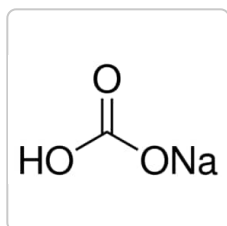
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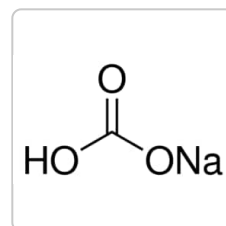
Sigma-Aldrich

S5761

Sodium bicarbonate

powder, BioReagent, for molecular biology, suitable for cell culture, suitable for insect cell culture

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Supelco

36486

Sodium bicarbonate concentrate

0.1 M NaHCO₃ in water, eluent concentrate for IC

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PROPRIÉTÉS

Stérilité	sterile-filtered
Niveau de qualité	400
Gamme de produits	BioReagent
Forme	solution (7.5%)
technique(s)	cell culture mammalian: suitable
Impuretés	endotoxin, tested
pH	7.8-8.2
Temp. de stockage	2-8°C

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InChI key

UIIMBOGNXHQVGW-UHFFFAOYSA-M

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Catégories apparentées

[Biological Buffers](#)

DESCRIPTION

Application

Sodium bicarbonate solution has been used:

- as a component of Hanks' buffered salt solution (HBSS) and recording medium for culturing of tissue explants from rats or mice
- as a component of Dulbecco's modified Eagle's medium (DMEM) to culture mice tissue explants
- as a component of Minimum Essential Media (MEM) to study the cytotoxicity against human colorectal adenocarcinoma cells and mammary gland adenocarcinoma

Notes préparatoires

Prepared in cell culture grade water.

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Produit Apparenté

S4019

Sodium bicarbonate, Hybri-Max™ , powder, suitable for hybridoma, ≥99.5%

[View Pricing](#)

S5761

Sodium bicarbonate, powder, BioReagent, for molecular biology, suitable for cell culture, suitable for insect cell culture

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de
stockage

12 - Non Combustible Liquids

WGK

WGK 1

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).

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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

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[Spectra for FT-IR Raman](#)

[Structure Search](#)

[FDS](#)

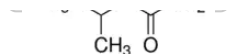
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Supelco

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sodium bicarbonate, and toluic acid, liquid, sterile-filtered...

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ARTICLES REVUS PAR DES PAIRS

Class A scavenger receptors mediate extracellular dsRNA sensing, leading to downstream antiviral gene expression in a novel American toad cell line, BufoTad.

Nguyen T K Vo et al.

Developmental and comparative immunology, 92, 140-149 (2018-11-20)

Viral double-stranded (ds)RNA is a potent pathogen-associated molecular pattern (PAMP), capable of inducing a strong antiviral state within the cell, protecting the cell from virus infection. In mammals and fish, sensing extracellular dsRNA is mediated by cell-surface class A scavenger

Novel genetic features of human and mouse Purkinje cell differentiation defined by comparative transcriptomics.

David E Buchholz et al.

Proceedings of the National Academy of Sciences of the United States of America, 117(26), 15085-15095 (2020-06-18)

Comparative transcriptomics between differentiating human pluripotent stem cells (hPSCs) and developing mouse neurons offers a powerful approach to compare genetic and epigenetic pathways in human and mouse neurons. To analyze human Purkinje cell (PC) differentiation, we optimized a protocol to

The acid-base transport proteins NHE1 and NBCn1 regulate cell cycle progression in human breast cancer cells.

Mette Flinck et al.

Cell cycle (Georgetown, Tex.), 17(9), 1056-1067 (2018-06-14)

Precise acid-base homeostasis is essential for maintaining normal cell proliferation and growth. Conversely, dysregulated acid-base homeostasis, with increased acid extrusion and marked extracellular acidification, is an enabling feature of solid tumors, yet the mechanisms through which intra- and extracellular pH

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There is an increasing appreciation for the heterogeneity of myeloid lineages in the lung, but relatively little is known about populations specifically associated with the conducting airways. We use single-cell RNA sequencing, flow cytometry, and immunofluorescence to characterize myeloid cells

Inhibition of Tumor VEGFR2 Induces Serine 897 EphA2-Dependent Tumor Cell Invasion and Metastasis in NSCLC.

Caroline Volz et al.

Cell reports, 31(4), 107568-107568 (2020-04-30)

Anti-angiogenic treatment targeting vascular endothelial growth factor (VEGF)-VEGFR2 signaling has shown limited efficacy in lung cancer patients. Here, we demonstrate that inhibition of VEGFR2 in tumor cells, expressed in ~20% of non-squamous non-small cell lung cancer (NSCLC) patients, leads to

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PROTOCOLES ET ARTICLES SCIENTIFIQUES

Protocoles

Cultrex® 3-D Culture Matrix™ Rat Collagen I Protocol

3-D Culture Matrix™ Collagen I may be used as a gel on which to grow cells or a media additive alone or in concert with other basement membrane components to study cellular growth and differentiation in three dimensions in vitro.

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