

MEM (ATCC modified)

Cat#: CM2411, 500mL

Store at 2-8°C, shading light

DESCRIPTION

MEM medium (Minimum Essential Medium) was developed on the basis of Eagle basic medium. It is one of the most basic and widely used culture medium, and one of the most commonly used culture medium in animal cell culture. MEM medium contains 12 kinds of essential amino acids, glutamine and 8 vitamins, which is simple, mainly used in the culture of adherent cells. MEM (contain NEAA) medium is added L-alanine, L-glutamic acid, L-asparagine, L-aspartic acid, L-proline, L-serine and glycine on the basis of MEM medium. These 7 kinds of NEAA, can reduce the side effects of producing non-essential amino acids during cell culture and promote cell proliferation and metabolism. This product contains many kinds of amino acids, vitamins, inorganic salts and other ingredients for cell culture, but does not contain protein, lipids or any growth factors. Therefore, the product should be used with serum or serum-free additives.

GENERAL INFORMATION

Product Form	Liquid
Concentration	1X
pH	7.2-7.4
D-Glucose	1000 mg/L
HEPES	Negative
L-glutamine	2 mM
NaHCO₃	1500 mg/L
Phenol red	10 mg/L
NEAA	Positive
Balanced salt	Earle's salt
Sodium pyruvate	1 mM
Storage	2-8°C, shading light
Shipping	RT
Expiration date	12 months

PRODUCT USE LIMITATION

These products are intended for research use only.

RELATED PRODUCTS

Cat#	Product Name	Size	Form
CM2401	MEM (with NEAA), powder	10x1L	Powder
CM2402	MEM (with NEAA)	500mL	Liquid
CM2403	MEM (with NEAA, HEPES)	500mL	Liquid
CM2404	MEM (with NEAA, without phenol red)	500mL	Liquid
CM2405	MEM	500mL	Liquid
CM2406	MEM (with HEPES)	500mL	Liquid
CM2407	MEM (without phenol red)	500mL	Liquid
CM2408	MEM (without phenol red, with HEPES)	500mL	Liquid
CM2409	MEM (glucose free) (with NEAA)	500mL	Liquid
CM2410	MEM (glucose free) (with NEAA, HEPES)	500mL	Liquid
CM2411	MEM (ATCC modified)	500mL	Liquid