MEM

Cat. No: PM150411

Size: 500mL

General Information

Product Form	Liquid
Concentration	1×
pH	7.2-7.4
D-Glucose	1000mg/L
HEPES	Negative
L-Glutamine	2mM
NaHCO3	2200mg/L
Phenol red	10mg/L
NEAA	Negative
Balanced salt	Earle's salt
Storage	2-8℃ ,Shading Light
Shipping	RT
Expiration date	24 months

Background

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.

Notes

1. This product is for research use only.;
2. This product is sterilized by 0.1μm filtration.;
3. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.