MEM (Glucose free), with NEAA, L-alanyl-L-glutamine, HEPES, without phenol red

Cat. No.: PM150454

Size: 500mL

General Information

Product Form	Liquid
Concentration	1 ×
pH	7.2-7.4
D-Glucose	Negative
HEPES	25 mM
L-Alanyl-L-Glutamine	2 mM
$NaHCO_3$	2200 mg/L
Phenol red	Negative
NEAA	Positive
Balanced salt	Earle's salt
Storage	2-8°C, Shading Light
Shipping	Room Temperature
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, with NEAA medium is added L-alanine, L-glutamic acid, L-asparagine, L-aspartic acid, L-proline, Lserine 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. MEM medium without glucose can be added to the concentration of glucose at will according to the research needs, which is convenient and quick.

Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.