MEMα, with HEPES

Cat. No.: PM150482

Size: 500mL

General Information

Product Form	Liquid
Concentration	1 ×
pH	7.2-7.4
D-Glucose	1000 mg/L
HEPES	25 mM
L-Glutamine	2 mM
$NaHCO_3$	2200 mg/L
Phenol red	10 mg/L
Sodium pyruvate	1 mM
Balanced salt	Earle's salt
Nucleoside	Positive
Storage	2-8°C, shading Light
Shipping	Room Temperature
Expiration date	24 months

Background

MEMα was developed based on MEM medium. Compared with MEM medium, NEAA, sodium pyruvate, zinc sulfate, VB12, biotin and ascorbic acid were added. It is widely used in suspension and adherent cell culture of various mammals. MEMα medium without nucleoside and deoxynucleoside is often used as medium for DG44 and other DHFR-cells.

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 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.