MEMα, with P/S, without nucleoside

Cat. No.: PM150422A

Size: 500mL

General Information

Product Form	Liquid
Concentration	1 ×
pH	7.0-7.6
D-Glucose	1000 mg/L
HEPES	Negative
L-Glutamine	2 mM
$NaHCO_3$	2200 mg/L
Phenol red	10 mg/L
Sodium pyruvate	1 mM
Nucleoside	Negative
Balanced salt	Earle's salt
Streptomycin sulfate	100 mg/L
Penicillin G	100 kU/L
Storage	2-8°C, Shading Light
Shipping	Room Temperature
Expiration date	24 months

Background

MEMα was developed on the basis of 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. Mem α 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.