# MEMα, with L-alanyl-L-glutamine, without nucleoside

**Cat. No.: PM150426**

**Size: 500mL**

## General Information

| | |
|---|---|
| **Product Form** | Liquid |
| **Concentration** | 1 × |
| **pH** | 7.0-7.6 |
| **D-Glucose** | 1000 mg/L |
| **HEPES** | Negative |
| **L-Alanyl-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 |
| **Storage** | 2-8°C, Shading Light |
| **Shipping** | Room Temperature |
| **Expiration date** | 24 months |

## Background

MEM α 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.