# GMEM (Glasgows MEM)

**Cat. No.: PM150476**

**Size: 500mL**

## General Information

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|---|---|
| **Product Form** | Liquid |
| **Concentration** | 1 × |
| **pH** | 7.2-7.4 |
| **D-Glucose** | 4500 mg/L |
| **HEPES** | Negative |
| **L-Glutamine** | 2 mM |
| **$NaHCO_3$** | 2750 mg/L |
| **Phenol Red** | 15 mg/L |
| **NEAA** | Negative |
| **Balanced salt** | Earle's salt |
| **Storage** | 2-8°C, Shading Light |
| **Shipping** | Room Temperature |
| **Expiration date** | 24 months |

## Background

Glasgow's MEM (GMEM) was originally developed by Ian McPherson and Michael Stoker based on MEM basal medium to study the ability of genetic factors to affect cells. Glasgow's MEM can also be used for the culture of renal cell lines such as BHK-21. The concentration of amino acids and vitamins in Glasgow's MEM medium was twice that of BME (Basal Medium Eagle) medium. Use of this product requires 10% tryptone phosphate broth without serum.

## 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.