

**MEM with Earle's Salts and L-glutamine**

Catalog No. M6211

**Description**

Minimum Essential Medium (MEM) was developed by Harry Eagle and has become one of the most widely used of all synthetic cell culture media. The original formulation, containing Earle's Balanced Salts, was designed for use in propagating mouse L cells and HeLa cells. Eagle found that these cells require 13 amino acids and seven vitamins to grow and reproduce in vitro. MEM with Earle's Balanced Salts is suitable for cell culture in CO<sub>2</sub> charged atmospheres, while MEM with Hank's Salts is suitable for cell culture in normal atmospheric conditions.

D-glucose	1000mg/L
L-Glutamine	292mg/L

**Storage Condition**

Store the basal medium at 2-8°C. Store cell growth supplement, fetal bovine serum (FBS) and antibiotics at -20°C. The complete cell culture medium with Supplement Kit can be kept in 4°C for two months. Protect from light.

To assure sterility, the prepared medium should be filtered with a 0.2 um filter after 2 weeks or if there is concern that sterility was compromised during the supplementation process.

**Shipping**

Ice pack.

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