

High Glucose DMEM Medium (with L-glutamine and sodium Pyruvate) Cat #: TC-M-DM01500

Introduction

DMEM (Dulbecco's Modified Eagle Medium) is a widely used basal medium. It is applicable for culturing most mammalian cells, including HeLa, 293, Cos-7, PC-12 cell lines; as well as primary fibroblasts, neurons, neurogliaocytes, human umbilical vein endothelial cells, smooth muscle cells, etc. Compared to MEM, DMEM contains 4X more concentrated amino acids and vitamins. DMEM consists of 4.5 g/L glucose (high glucose type) or 1 g/L glucose (low glucose type).

The product is prepared using water-for-injection.

Product Specifications:

With (+)

- 4.5 g/L D-Glucose
- L-Glutamine
- Phenol Red
- 0.11 g/L sodium pyruvate

Without (-)

- HEPES

Parameters

The product is sterilized by filtration.

Appearance: Transparent liquid with red color

Endotoxin: ≤ 1 EU/mL

Osmotic pressure: 320 ~ 350 mOsm/kg-H₂O

pH Value: 7.0 ~ 7.4

Storage: 2 ~ 8 °C, Protect from light

Transportation: Blue ice

Application: For research use only.

For laboratory use only. Not intended for any animal or human therapeutic or diagnostic uses.