

DMEM, High glucose

Catalog No: tcem2012



Available Sizes

Size: 1x10L

Size: 10Lx1



Specifications

Research Area:

Cell Culture

Form:

Powder

Concentration:

1×

Component:

pH: 7.2-7.4

D-glucose: 4500mg/L

HEPES : Negative

L-glutamine :4mM

Phenol red :15mg/L

Sodium pyruvate :1mM

Penicillin G: Negative

Storage Instruction:

2-8°C, shading light

Product Description

DMEM (Dulbecco's Modified Eagle Medium) was developed on the basis of MEM medium. Compared with MEM medium, the content of amino acid increased by 2 times, the content of vitamin increased by 4 times, and the content of non-essential amino acid, trace iron ion and sodium pyruvate were increased by 4 times. The glucose content of DMEM medium was originally designed as 1000 mg/L (low Glucose type), and then developed into 4500mg/L (high Glucose type), which has been widely used in cell culture. DMEM (High glucose) was widely used in fast growth, low adhesion cells, hybridoma myeloma cells, clone cells, DNA transfected transformation cells, various primary virus host cells, single cell culture and vaccine production. DMEM (High glucose) 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, so the product should be used with serum or serum-free additives.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!