



## Dulbecco's Modified Eagle Medium (DMEM)

Catalog Number: 09231

### Product Description

Many modifications of eagle's medium have been developed since the original formulation. The most widely used modification is Dulbecco's modified eagle's Medium, which was developed in 1969. HEPES buffer is included in DMEM (09231) formulation at a final concentration of 25 mM to compensate for the loss of buffering capacity incurred by eliminating serum. DMEM with L-glutamine, sodium pyruvate and 25 mM HEPES (09231) is a sterile, liquid medium which contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors and trace minerals. It is well suited for supporting the growth of a broad range of mammalian cell lines.

### Product Use

DMEM is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

### Storage

Store at 2-8°C. Protect from light.

### Prepare for use

DMEM is ready for use in a sterile field. Since several components of this medium are light-labile, it is recommended that the medium not be exposed to light for lengthy periods of time. If the medium is warmed prior to use, do not exceed 37°C.

*Caution: If handled improperly, some components of the medium may present a health hazard. Take appropriate precautions when handling it, including the wearing of protective clothing and eyewear. Dispose of properly.*