



DMEM/F-12 with L-glutamine and 15 mM HEPES

Catalog Number: 09421

Product Description

During the past two decades, researchers have been seeking serum-free media for the culturing of a wide range of cell lines and even primary cells. With the supplement of growth factors and hormones, researcher found the medium to be most satisfactory for study of variety of cell types was a 1:1 mixture of DMEM and Ham's F-12 Nutrient Mixture. HEPES buffer is included in the formulation at a final concentration of 15 mM to compensate for the loss of buffering capacity incurred by eliminating serum. DMEM/F12 with L-glutamine and 15 mM HEPES 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/F-12 with L-glutamine and HEPES 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.

Shipping

Gel ice.

Prepare for use

DMEM/ F12 with L-glutamine and HEPES 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.