



RPMI 1640 with L-glutamine and 25 mM HEPES

Catalog Number: 09521

Product Description

RPMI1640 media were originally developed for suspension cultures or monolayer cultures of human leukemia cells. In addition, they intended to be used with a serum supplement. Recently, RPMI 1640 media have been shown to support several cell lines in the absence of serum. They have also been widely used in fusion protocols and in the growth of hybrid cells. HEPES buffer is included in the formulation at a final concentration of 25 mM to compensate for the loss of buffering capacity incurred by eliminating serum. RPMI with L-glutamine and 25 mM HEPES is a sterile, liquid medium which contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones. It is well suited for supporting the growth of a broad range of mammalian cell lines.

Product Use

RPMI 1640 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

RPMI 1640 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.