



RPMI 1640 without L-glutamine, with 25 mM HEPES

Catalog Number: 09511

Product Description

RPMI-1640 medium was developed by Moore et al., at Roswell Park Memorial Institute, hence the acronym RPMI. The formulation is based on the RPMI-1630 series of media and alterations in the amounts of amino acids and vitamins. RPMI1640 media is used primarily for various types of mammalian myeloma and hybridoma cells including mouse hybridomas, human leukocytes, and B and T lymphocytes. Recently, RPMI 1640 media have been shown to support several cell lines in the absence of serum. 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 1640 without L-glutamine, with 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 without L-glutamine, with 25 mM 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 without L-glutamine, with 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.