For Research Use Only

RPMI-1640 Media; With L-glutamine and HEPES Buffer

Catalog No. M6317

Description

RPMI-1640 was developed in 1966 by Moore and his co-workers at Roswell Park Memorial Institute (hence the acronym RPMI). It is based on the RMPI-1630 series of media utilizing a bicarbonate buffering system and alterations in the amounts of amino acids and vitamins. While it was originally formulated to support lymphoblastoid is suspension culture, it has been proven to support a wide variety of anchorage-dependent cells. It has a wide range of uses, including the culture of fresh human lymphocytes, fusion protocols, and in the growth of hybrid cells.

D-glucose	2000mg/L
L-Glutamine	300mg/L
HEPES	without HEPES
Sodium Pyruvate	without Sodium Pyruvate
Phenol Red	5mg/L

Storage Condition

Store the basal medium at 2-8°C. The medium can be kept at 4°C for two months. Protect from light.

To assure sterility, the prepared medium should be filtered with a 0.2 um filter after 2 weeks or if there is concern that sterility was compromised during the supplementation process.

Shipping

Ice pack.

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