

RPMI-1640 (With HEPES) Complete Medium

Product manual

Basic Information

Cat.NO	Size	Shelf	Form	Storage	Transportation
CMC0008	500mL	6 months	Liquid	Store at 2-8°C away from light	2-8°C

Product Introduction

Components	RPMI-1640 (With HEPES)(CMB0049)+10% Nutrient+1% Supplement
Concentration	Ready-to-use
Bacteria Detection	Negative
Fungi Detection	Negative
Mycoplasma Detection	Negative
Endotoxin Content (EU/mL)	< 3

Background

RPMI 1640 medium is named after the Roswell Park Memorial Institute (RPMI), where it was developed, and 1640 is the code name of the medium. RPMI-1640 medium was originally designed for lymphocyte culture, but is now widely used in the culture of various normal cells and cancer cells, especially suspension cells, and is one of the most widely used culture media.

This product contains a variety of ingredients such as amino acids, vitamins, and inorganic salts required for various types of cell culture, but does not contain proteins, lipids, or any growth factors, so this product must be used with serum or serum-free supplements.

HEPES is an excellent biological buffer with no toxic effect on cells. The culture medium with HEPES added can maintain a constant pH range for a long time, which can effectively prevent the adverse effects of large pH fluctuations in the culture medium on cell growth.

Precautions

1. During the entire process, be sure to pay attention to aseptic operation to avoid contamination;
2. To maintain the best use effect of this product, please do not perform freeze-thaw treatment;
3. This product is only used for research or further research, not for diagnosis and treatment.
4. It is not suitable for long time storage at room temperature.
5. This product is a ready-to-use medium. If there is no special need, don't add serum, penicillin and streptomycin. It can be used directly.