

IMDM Complete Medium Product manual

Basic Information

Cat.NO	Size	Shelf	Form	Storage	Transportation
CMC0030	500mL	6 months	Liquid	Store at 2-8°C away from light	2-8°C

Product Introduction

Components	IMDM(CMB0071)+10% Nutrient+1% Supplement
Concentration	Ready-to-use
Bacteria Detection	Negative
Fungi Detection	Negative
Mycoplasma Detection	Negative
Endotoxin Content (EU/mL)	< 3

Background

IMDM (Iscoe' s Modified Dulbecco Medium) is Iscoe' s modified DMEM medium, which was designed by Guilber and Iscoe in 1976 for culturing erythroid precursor cells and macrophages. IMDM medium is based on DMEM medium and contains selenium, HEPES, sodium pyruvate, and additional amino acids and vitamins. It is very nutritious and very suitable for rapid proliferation and high-density cell culture. IMDM medium can not only culture cells with special nutritional requirements (such as mouse B lymphocytes, LPS-stimulated B cells, bone marrow hematopoietic cells, T lymphocytes, and various hybridoma cells), but can also be used as the base liquid for some unique serum-free 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. Therefore, this product must be used with serum or serum-free additives.

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.