

## IMDM, powder

Cat#: CM2601, 10×1L

Store at 2-8°C, shading light

### **DESCRIPTION**

IMDM (Iscove's Modified Dulbecco Medium) is an improved DMEM medium, which is used for the culture of erythrocyte progenitor cells and macrophages. The IMDM medium was supplemented with selenium, HEPES, sodium pyruvate and additional amino acids and vitamins on the basis of the DMEM medium, and potassium nitrate instead of iron nitrate, which is suitable for the rapid proliferation, high-density cell culture. IMDM medium can not only culture cells with special nutritional requirements (such as mouse B lymphocytes, stimulated B cells stimulated by LPS, bone marrow hematopoietic cells, T lymphocytes and various hybridoma cells), It can also be used as a base solution for some unique serum-free medium. This product contains many kinds of amino acids, vitamins, inorganic salts and other ingredients for cell culture, but does not contain protein, lipids or any growth factors. Therefore, the product should be used with serum or serum-free additives.

### **GENERAL INFORMATION**

<b>Product Form</b>	<b>Powder</b>
<b>Concentration</b>	1X
<b>pH</b>	7.2-7.4
<b>D-Glucose</b>	4500 mg/L
<b>HEPES</b>	25 mM
<b>L-glutamine</b>	4 mM
<b>Phenol red</b>	15 mg/L
<b>Sodium pyruvate</b>	1 mM
<b>Storage</b>	2-8°C, shading light
<b>Shipping</b>	RT
<b>Expiration date</b>	36 months

### **PRODUCT USE LIMITATION**

These products are intended for research use only.

## **RELATED PRODUCTS**

<b>Cat#</b>	<b>Product Name</b>	<b>Size</b>	<b>Form</b>
CM2601	IMDM, powder	10x1L	Powder
CM2602	IMDM	500 mL	Liquid
CM2603	IMDM (with PS)	500 mL	Liquid
CM2604	IMDM (with L- alanyl -L-glutamine)	500 mL	Liquid
CM2605	IMDM (without phenol red)	500 mL	Liquid
CM2606	IMDM (without phenol red, with L- alanyl -L-glutamine)	500 mL	Liquid