

## IMDM, with P/S

Cat. No. : PM150510A

Size : 500mL

### General Information

<b>Product Form</b>	Liquid
<b>Concentration</b>	1 ×
<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>NaHCO<sub>3</sub></b>	3024 mg/L
<b>Phenol red</b>	15 mg/L
<b>Sodium pyruvate</b>	1 mM
<b>Streptomycin sulfate</b>	100 mg/L
<b>Penicillin G</b>	100 kU/L
<b>Storage</b>	2-8°C, Shading Light
<b>Shipping</b>	Room Temperature
<b>Expiration date</b>	24 months

### Background

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.

### Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.