

**DMEM/F12, with HEPES, P/S**

Cat. No. : PM150310A

Size : 500mL

**General Information**

<b>Product Form</b>	Liquid
<b>Concentration</b>	1 ×
<b>pH</b>	7.2-7.4
<b>D-Glucose</b>	3151 mg/L
<b>HEPES</b>	15 mM
<b>L-Glutamine</b>	2.5 mM
<b>NaHCO<sub>3</sub></b>	1200 mg/L
<b>Phenol red</b>	8.1 mg/L
<b>Sodium pyruvate</b>	0.5 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**

The DMEM/F12 medium is based on the DMEM medium, adding more nutritious elements from F12 medium, which contains a variety of trace elements, and is widely used in the culture of many mammalian cells. At the same time, DMEM/F12 medium is often used as the basis for the development of serum-free medium. It is also suitable for mammalian cell culture and clone density culture under low serum content.

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 for research use only.
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.