

## Ham's F-10, without phenol red

**Cat. No. :** PM151114

**Size:** 500mL

### General Information

<b>Product Form</b>	Liquid
<b>Concentration</b>	1 ×
<b>pH</b>	7.2-7.4
<b>D-Glucose</b>	1100 mg/L
<b>Sodium Bicarbonate (NaHCO<sub>3</sub>)</b>	1200 mg/L
<b>L-Glutamine</b>	1 mM
<b>HEPES</b>	Negative
<b>Phenol Red</b>	Negative
<b>Sodium Pyruvate</b>	1 mM
<b>Storage</b>	2-8°C, Shading Light
<b>Shipping</b>	Room Temperature
<b>Expiration date</b>	24 months

### Background

Ham 's F-10 Nutrient Mixture is designed by Ham in 1963 for serum-free culture of CHO cells. Ham 's F-10 is rich in nutrients and is suitable for the culture of human diploid cells, clonal culture of cells under low serum conditions, normal culture of mammalian cells, chromosome analysis of white blood cells, and primary cell culture of rats, rabbits, chickens and other animals.

Ham 's F-10 contains many kinds of amino acids, vitamins, inorganic salts and other ingredients required for cell culture, but does not contain proteins, lipids or any growth factors. Therefore, the product should be used 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 during the culture.