

## Leibovitz's L-15 (with L-alanyl-L-glutamine)

Cat#: CM3004, 500 mL

Store at 2-8°C, shading light

### **DESCRIPTION**

The buffer system of Leibovitz's L-15 medium is composed of phosphate and free amino acids, instead of the traditional sodium bicarbonate buffer system. Meanwhile, the substitution of galactose and sodium pyruvate for glucose prevents the formation of acidic metabolic byproducts, helps to maintain the stable pH of the medium. It is suitable for cell culture in a non-CO<sub>2</sub> balanced environment. L-15 medium is suitable for the culture of monkey kidney cells and HEP-2, the isolation of primary cells (such as embryonic and adult tissues), the culture of various viruses and the culture of neurons. Leibovitz's L-15 medium 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>Liquid</b>
<b>Concentration</b>	1X
<b>pH</b>	7.2-7.4
<b>D-Glucose</b>	Negative
<b>HEPES</b>	Negative
<b>L-alanyl L-glutamine-solution</b>	300 mg/L
<b>NaHCO<sub>3</sub></b>	Negative
<b>Phenol red</b>	10 mg/L
<b>D-galactose</b>	900mg/L
<b>Sodium pyruvate</b>	550 mg/L
<b>Balanced salt</b>	Phosphate
<b>Storage</b>	2-8°C, shading light
<b>Shipping</b>	RT
<b>Expiration date</b>	12 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>
<b>CM3001</b>	Leibovitz's L-15	500 mL	Liquid
<b>CM3002</b>	Leibovitz's L-15 (with PS)	500 mL	Liquid
<b>CM3003</b>	Leibovitz's L-15 (without L-glutamine)	500 mL	Liquid
<b>CM3004</b>	Leibovitz's L-15 (with L- alanyl -L-glutamine)	500 mL	Liquid
<b>CM3005</b>	Leibovitz's L-15 (without phenol red)	500 mL	Liquid