

Leibovitz's L-15 (with PS)

Cat#: CM3002, 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-CO₂ 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

Product Form	Liquid
Concentration	1X
pH	7.2-7.4
D-Glucose	Negative
HEPES	Negative
L-glutamine	300 mg/L
NaHCO₃	Negative
Phenol red	10 mg/L
D-galactose	900mg/L
Sodium pyruvate	550 mg/L
Balanced salt	Phosphate
Streptomycin sulfate	100mg/L
Penicillin G	100kU/L
Storage	2-8°C, shading light
Shipping	RT
Expiration date	12 months

PRODUCT USE LIMITATION

These products are intended for research use only.

RELATED PRODUCTS

Cat#	Product Name	Size	Form
CM3001	Leibovitz's L-15	500 mL	Liquid
CM3002	Leibovitz's L-15 (with PS)	500 mL	Liquid
CM3003	Leibovitz's L-15 (without L-glutamine)	500 mL	Liquid
CM3004	Leibovitz's L-15 (with L- alanyl -L-glutamine)	500 mL	Liquid
CM3005	Leibovitz's L-15 (without phenol red)	500 mL	Liquid