

McCoy's 5A, with L-alanyl-L-glutamine, HEPES

Cat. No. : PM150717

Size: 500mL

General Information

Product Form	Liquid
Concentration	1 ×
pH	7.2-7.4
D-Glucose	3000 mg/L
Sodium Bicarbonate (NaHCO₃)	2200 mg/L
L-Alanyl-L-Glutamine	1.5 mM
HEPES	25 mM
Phenol Red	10 mg/L
Sodium Pyruvate	Negative
Storage	2-8°C, Shading Light
Shipping	Room Temperature
Expiration date	24 months

Background

McCoy's 5A medium was initially used specifically for the culture of Novikoff Hepatoma cells. Unlike other medium, McCoy's 5A medium contains reduced glutathione, bacterial peptone and high concentrations of glucose. McCoy's 5A is widely used in the culture of primary cells, such as bone marrow, skin, gingiva, kidney, spleen, lung, rat embryo, omentum and so on. In addition, McCoy's 5A medium is also used for tissue biopsy culture, the establishment of cell line, and the culture of some lymphocytes and more difficult cells.

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 during the culture.