RPMI-1640, with L-alanyl-L-glutamine, HEPES, without phenol red

Cat. No.: PM150119

Size: 500mL

General Information

Product Form	Liquid
Concentration	1 ×
pH	7.2-7.4
D-Glucose	2000 mg/L
HEPES	25 mM
L-Alanyl-L-Glutamine	2 mM
$NaHCO_3$	2000 mg/L
Phenol red	Negative
Storage	2-8°C, Shading Light
Shipping	Room Temperature
Expiration date	24 months

Background

RPMI-1640 is an improved Mccoy's 5A medium, which uses bicarbonate buffer system. RPMI-1640 medium was originally designed for lymphocyte culture. Nowadays, it has been widely used in the culture of normal cells and cancer cells, especially suspension cells, which is one of the most widely used media.

RPMI-1640 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.

Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
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.