

William's E, with L-glutamine

Cat. No: PM151221

Size: 500mL

General Information

Product Form	Liquid
Concentration	1×
pH	7.2-7.4
D-Glucose	2000mg/L
HEPES	Negative
L-Glutamine	2mM
NaHCO₃	2200mg/L
Phenol red	10mg/L
Sodium Pyruvate	0.23mM
Glutathione	0.05mg/L
Methyl Linoleate	0.03mg/L
Storage	2-8℃ ,Shading Light
Shipping	RT
Expiration date	24 months

Background

William's E medium was designed by William and Gunn. It is mainly used for the long-term culture of rat liver epithelial cells, and can also be used for the culture of other mammalian liver cells. L-glutamine is a necessary nutrient element in cell culture, but it is unstable in solution and will spontaneously degrade. The medium without L-glutamine can add fresh L-glutamine or its substitute arbitrarily according to research needs. William's 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 for research use only.;
2. This product is sterilized by 0.1μm filtration.;
3. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.