

William's E, without L-glutamine, phenol red

Cat. No. : PM151212

Size: 500mL

General Information

Product Form	Liquid
Concentration	1×
рН	7.0-7.6
D-Glucose	2000 mg/L
HEPES L-Glutamine NaHCO ₃ Phenol Red _{by} Elabscience Sodium Pyruvate	Negative
L-Glutamine	Negative
NaHCO ₃ becience	2200 mg/L
Phenol Red Elabse	Negative
Sodium Pyruvate	0.23 mM
Glutathione	0.05 mg/L
Methyl Linoleate	0.03 mg/L
Storage	2-8°C, Shading Light
Shipping	Room Temperature
Expiration date	2-8°C, Shading Light Room Temperature 24 months by Elabscience

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. 2.

Notes

- bscience This product is for research use only. 1.
- This product is sterilized by 0.1µm filtration. 2.
- by Elabscience It is necessary to pay attention to the aseptic operation and avoid the contamination. 3.