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William's E (without L-glutamine)

Cat#: CM3012, 500 mL Store at 2-8°C, shading light

DESCRIPTION

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. Lightamine 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.

GENERAL INFORMATION

Product Form	Liquid
Concentration	1X
рН	7.2-7.4
D-Glucose	2000 mg/L
HEPES	Negative
L-glutamine	Negative
NaHCO3	2200 mg/L
Phenol red	10 mg/L
Sodium pyruvate	25 mg/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
CM3011	MCDB 131 (without L-glutamine)	500 mL	Liquid
CM3012	William's E (without L-glutamine)	500 mL	Liquid
CM3013	William's E (with L- alanyl -glutamine)	500 mL	Liquid
CM3014	Waymouth's MB 752/1	500 mL	Liquid

