

MCDB 131 (without L-glutamine)

Cat#: CM3011, 500 mL

Store at 2-8°C, shading light

DESCRIPTION

MCDB is a low-protein and serum-free culture medium designed for specific cells. MCDB 131 is a kind of MCDB medium designed and developed by Kendler and Ham. It was originally used for culturing human microvascular endothelial cells (HMVEC). In addition to the use of MCDB 131 medium for endothelial cells, it can also be used for other cell types, such as liver cells, smooth muscle cells, and cardiomyocytes. MCDB 131 medium is not used in traditional medium because it contains trace elements, putrescine, adenine, thymine and higher concentrations of amino acids and vitamins. It is often used with EGF, hydrocortisone, glutamine and low-concentration serum together, and the added concentration of serum must be determined by cell type.

GENERAL INFORMATION

Product Form	Liquid
Concentration	1X
pH	7.2-7.4
D-Glucose	1000 mg/L
HEPES	Negative
L-glutamine	Negative
NaHCO₃	1176 mg/L
Phenol red	12.4 mg/L
Sodium pyruvate	1 mM
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