

DMEM (High glucose) (with PS)

Cat#: CM2103, 500 mL

Store at 2-8°C, shading light

DESCRIPTION

DMEM (Dulbecco's Modified Eagle Medium) was developed on the basis of MEM medium. Compared with MEM medium, the content of amino acid increased by 2 times, the content of vitamin increased by 4 times, and the content of non-essential amino acid, trace iron ion and sodium pyruvate were increased by 4 times. The glucose content of DMEM medium was originally designed as 1000 mg/L (low Glucose type), and then developed into 4500 mg/L (high Glucose type), which has been widely used in cell culture. DMEM (High glucose) was widely used in fast growth, low adhesion cells, hybridoma myeloma cells, clone cells, DNA transfected transformation cells, various primary virus host cells, single cell culture and vaccine production. DMEM (High glucose) 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, so the product should be used with serum or serumfree additives.

GENERAL INFORMATION

Product Form	Liquid
Concentration	1X
pH	7.2-7.4
D-Glucose	4500 mg/L
HEPES	negative
L-glutamine	4 mM
NaHCO₃	3700mg/L
Phenol red	15 mg/L
Sodium pyruvate	1 mM
Streptomycin sulfate	100 mg/L
Penicillin G	100 kU/L
Storage	2-8°C, shading light
Shipping	Ice bag
Expiration date	12 months

PRODUCT USE LIMITATION

These products are intended for research use only.

RELATED PRODUCTS

Cat#	Product Name	Size	Form
CM2101	DMEM (High Glucose), powder	10x1L	Powder
CM2102	DMEM (High glucose)	500 mL	Liquid
CM2103	DMEM (High glucose) (with PS)	500 mL	Liquid
CM2104	DMEM (High glucose) (without sodium pyruvate)	500 mL	Liquid
CM2105	DMEM (High glucose) (without L-glutamine, with PS)	500 mL	Liquid
CM2106	DMEM (High glucose) (with HEPES, without sodium pyruvate)	500 mL	Liquid
CM2107	DMEM (High glucose) (with HEPES)	500 mL	Liquid
CM2108	DMEM (High glucose) (with HEPES, without L-glutamine)	500 mL	Liquid
CM2109	DMEM (High glucose) (without phenol red, with HEPES)	500 mL	Liquid
CM2110	DMEM (Low glucose)	500 mL	Liquid
CM2111	DMEM (Low glucose) (with PS)	500 mL	Liquid
CM2112	DMEM (Low glucose) (with HEPES)	500 mL	Liquid
CM2113	DMEM (Low glucose) (with HEPES, PS)	500 mL	Liquid
CM2114	DMEM (Low glucose) (without sodium pyruvate)	500 mL	Liquid
CM2115	DMEM (Low glucose) (without L-glutamine)	500 mL	Liquid
CM2116	DMEM (Low glucose) (with HEPES, without sodium pyruvate)	500 mL	Liquid
CM2117	DMEM (Low glucose) (with HEPES, without L-glutamine)	500 mL	Liquid
CM2118	DMEM (Low glucose) (without phenol red)	500 mL	Liquid
CM2119	DMEM (Low glucose) (without phenol red, with HEPES)	500 mL	Liquid
CM2120	DMEM (glucose free)	500 mL	Liquid
CM2121	DMEM (glucose free) (without sodium pyruvate)	500 mL	Liquid
CM2122	DMEM (glucose free) (without L-glutamine)	500 mL	Liquid
CM2123	DMEM (glucose free) (with HEPES)	500 mL	Liquid
CM2124	DMEM (glucose free) (without phenol red)	500 mL	Liquid
CM2125	DMEM (glucose free) (without phenol red, with HEPES)	500 mL	Liquid
CM2126	DMEM (High glucose) (without L-glutamine)	500 mL	Liquid
CM2127	DMEM (High glucose) (without phenol red)	500 mL	Liquid
CM2114	DMEM (Low glucose) (without sodium pyruvate)	10x1L	Powder