

DMEM (Dulbecco's modified minimal essential Media, DMEM), Dry Powder Media, Low glucose

Cat# CM1033—1 L / CM1034—1 L*10

Storage at 2-8 °C for 12 month

INTRODUCTION

DMEM (Dulbecco's Modified Eagle Media) is a widely used basal Media for supporting the growth of many different mammalian cells. It contains 4 times the concentration of amino acids and vitamins than the original Eagle's Minimal Essential Media. DMEM contains no proteins, lipids, or growth factors. Therefore, DMEM requires supplementation, commonly with 10% Fetal Bovine Serum (FBS) or **Specsure® Bovine Growth Serum**.

DMEM uses a sodium bicarbonate buffer system (3.7 g/L), and therefore requires a 5% CO₂ environment to maintain physiological pH. Cells successfully cultured in DMEM include neurons, smooth muscle cells, HeLa, glial cells, fibroblasts, 293, Cos-7 and PC-12.

Sterility	Sterile-filtered
Form	Powder
Application (s)	Cell culture/ mammalian: suitable
Impurities	Endotoxin, tested
Components	D-glucose (1000mg/L) HEPES (-) L-glutamine (+) NaHCO ₃ (+) Sodium pyruvate (+) Phenol red (+)
Storage temp	2-8 °C

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No	Component	CM1033— 1 L	CM1034—1L*10
	DMEM Dry Powder Media, Low glucose	1 pack	1L x 10 packs

RELATED PRODUCTS

Specsure® Bovine Growth Serum (BGS)	ACE002	500 ml
MEM (Minimum Essential Media), Dry Powder Media	CM1006	1 L
MEM (Minimum Essential Media), Dry Powder Media	CM1007	10 x 1L
DMEM (Dulbecco's modified minimal essential Media, DMEM), Dry Powder Media	CM1009	1 L
DMEM (Dulbecco's modified minimal essential Media, DMEM), Dry Powder Media	CM1010	10 x 1L
Ham's F-12K Dry Powder Media	CM1012	1 L
Ham's F-12K Dry Powder Media	CM1013	10 x 1L
DMEM/F12 Dry Powder Media	CM1015	1 L
DMEM/F12 Dry Powder Media	CM1016	10 x 1L
RPMI-1640 Dry Powder Media	CM1018	1 L
RPMI-1640 Dry Powder Media	CM1019	10 x 1L
M-199 Dry Powder Media	CM1021	1 L
M-199 Dry Powder Media	CM1022	10 x 1L
Ham's F-10 Dry Powder Media	CM1031	1 L
Ham's F-10 Dry Powder Media	CM1032	10 x 1L
DMEM (Dulbecco's modified minimal essential Media, DMEM), Dry Powder Media, Low glucose	CM1033	1 L
DMEM (Dulbecco's modified minimal essential Media, DMEM), Dry Powder Media, Low glucose	CM1034	10 x 1L