

UAB "LT Biotech"

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DMEM PRO High Glucose (4.5 g/l), w/o L-Glutamine LTLM-B36

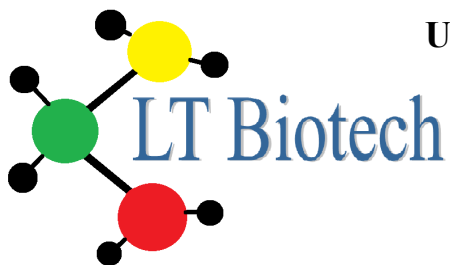
Dulbecco's Modified Eagle Medium (DMEM) High Glucose is a widely used cell culture medium that provides support for the proliferation of a diverse range of cell types. Its availability in different formulations makes it suitable for various applications.

Product Specifications

Appearance	Clear red orange solution
CO2 concentration, optimum	8.5 %
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 6-8 weeks.
Shipping conditions	Ambient

Formulation

Component	concentration mg/l
Amino Acids:	
Glycine	30.00
L-Arginine HCl	84.00
L-Cystine 2 HCl	62.57
L-Histidine HCl H2O	42.00
L-Isoleucine	105.00
L-Leucine	105.00
L-Lysine HCl	146.00
L-Methionine	30.00
L-Phenylalanine	66.00
L-Serine	42.00
L-Threonine	95.00
L-Tryptophan	16.00
L-Tyrosine 2 Na 2H2O	103.79
L-Valine	94.00
Vitamins:	
Choline chloride	4.00
D-Calcium Pantothenate	4.00
Folic Acid	4.00
myo-Inositol	7.20
Nicotinamide	4.00
Pyridoxal HCl	4.00
Riboflavin	0.40
Thiamine HCl	4.00
Inorganic Salts:	
CaCl2 2 H2O	265.00
Fe(NO3)3 9 H2O	0.10
KCl	400.00



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Component	concentration mg/l
MgSO ₄ 7H ₂ O	200.00
NaCl	6400.00
NaHCO ₃	3700.00
NaH ₂ PO ₄ 2H ₂ O	141.73
Other Components:	
D-Glucose	4500.00
Phenol Red Sodium Salt	15.90

Precautions and Disclaimer

This product is for research use and further manufacturing only.