

DMEM High Glucose (4.5 g/l), w/o L-Glutamine, with Sodium Pyruvate

General information

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

Product specifications

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

Formulation

Amino Acids

Glycine	30.00
L-Arginine HCl	84.00
L-Cystine 2 HCl	48.00
L-HistidineHClH ₂ O	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	89.47
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

CaCl ₂ 2 H ₂ O	265.00
Fe(NO ₃) ₃ 9H ₂ O	0.10
KCl	400.00
MgSO ₄	97.67
NaCl	6400.00
NaHCO ₃	3700.00
NaH ₂ PO ₄	109.00

Other Components

D-Glucose	4500.00
Phenol Red Sodium Salt	15.90
Sodium Pyruvate	110.00

Precautions and disclaimer

This product is for research use only.

Ordering information

Catalogue number	Pack size
LTLM-B07	500 ml

Document version: v1.0. Copyright © 2026 LT Biotech, UAB. All rights reserved. Any redistribution or reproduction of part or all the content in any form is prohibited without the express written permission of LT Biotech, UAB.