

DMEM High Glucose (4.5 g/l), with Stable Glutamine, with 25 mM HEPES

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-Alanyl-L-Glutamine	862.00
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
HEPES	5958.00
Phenol Red Sodium Salt	15.90

Precautions and disclaimer

This product is for research use only.

Ordering information

Catalogue number	Pack size
LTLM-B04	500 ml

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