

Product Information

Iscove's Modified Dulbecco's Medium (IMDM), with L-Glutamine, without Supplements
 Cat. No. IMDM-A (500 ml)

Product Specifications

Appearance	Clear red orange solution
CO ₂ concentration, optimum	7.0 %
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

Components	Concentration mg/L
Amino Acids:	
L-Alanine	25.00
L-Arginine HCl	84.00
L-Asparagine H ₂ O	28.40
L-Aspartic Acid	30.00
L-Cystine 2HCl	91.24
L-Glutamic Acid	75.00
L-Glutamine	584.00
Glycine	30.00
L-Histidine HCl H 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-Proline	40.00
L-Serine	42.00
L-Threonine	95.00
L-Tryptophan	16.00
L-Tyrosine 2Na 2H ₂ O	103.79
L-Valine	94.00
Vitamins:	
D-Biotin	0.013
Choline chloride	4.00

Components	Concentration mg/L
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
Vitamin B12	0.013
Inorganic Salts	
CaCl ₂ 2H ₂ O	219.00
MgSO ₄ 7H ₂ O	200.00
KCl	330.00
KNO ₃	0.076
NaHCO ₃	3024.00
NaCl	4505.00
NaH ₂ PO ₄ 2H ₂ O	141.73
Na ₂ SeO ₃	0.017
Other Components:	
D-Glucose	4500.00
HEPES	5958.00
Phenol Red Sodium Salt	16.0
Sodium Pyruvate	110.00

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Precautions and Disclaimer

This product is for research and further manufacturing use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).