

## 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 <sub>2</sub> 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
<b>Amino Acids:</b>	
L-Alanine	25.00
L-Arginine HCl	84.00
L-Asparagine H <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> O	103.79
L-Valine	94.00
<b>Vitamins:</b>	
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
<b>Inorganic Salts</b>	
CaCl <sub>2</sub> 2H <sub>2</sub> O	219.00
MgSO <sub>4</sub>	97.67
KCl	330.00
KNO <sub>3</sub>	0.076
NaHCO <sub>3</sub>	3024.00
NaCl	4505.00
Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	109.00
Na <sub>2</sub> SeO <sub>3</sub>	0.017
<b>Other Components:</b>	
D-Glucose	4500.00
HEPES	5958.00
Phenol Red Sodium Salt	16.0
Sodium Pyruvate	110.00

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## Precautions and Disclaimer

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

## Help Needed?

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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](mailto:techservice@capricorn-scientific.com)) or phone (+49 6424 944640).