



# Advanced Iscove's Modified Dulbecco's Medium (A- IMDM)

Cat No: P3A210107

Containing PurMa™ GlutaSup (4 mM L-Alanyl-L-Glutamine) (868 mg/L)

Requires % 2-5 FBS

**Standard Formulation**

Amino Acids	(g/liter)	Others	(g/liter)
L-Alanine	0.025	D-Glucose	4.5
L-Arginine·HCl	0.084	HEPES	5.958
L-Asparagine·H <sub>2</sub> O	0.0284	Phenol Red	0.015
L-Aspartic Acid	0.030	Sodium Pyruvate	0.110
L-Cystine·2HCl	0.9124	Ethanolamine	0.0019
L-Glutamic Acid	0.075	Hypoxanthine Na	0.00239
L-Alanyl-L-Glutamine	0.868	Linoleic Acid	0.000042
Glycine	0.030	Lipoic Acid	0.000105
L-Histidine·HCl·H <sub>2</sub> O	0.042	Thymidine	0.000365
L-Isoleucine	0.105	Putrescine 2HCl	0.000081
L-Leucine	0.105	<b>Vitamins</b>	<b>(g/liter)</b>
L-Lysine·HCl	0.146	D-Biotin	0.000013
L-Methionine	0.030	Choline Chloride	0.004
L-Phenylalanine	0.066	Folic Acid	0.004
L-Proline	0.04	myo-Inositol	0.0072
L-Serine	0.042	Nicotinamide	0.004
L-Threonine	0.095	D-Pantothenic Acid (hemicalcium)	0.004
L-Tryptophan	0.016	Pyridoxine·HCl	0.004
L-Tyrosine·2Na·2H <sub>2</sub> O	0.10379	Riboflavin	0.0004
L-Valine	0.094	Thiamine·HCl	0.004
<b>Inorganic Salts</b>	<b>(g/liter)</b>	Vitamin B-12	0.000013
CaCl <sub>2</sub> (anhydrous)	0.165	L-Ascorbic Acid	0.0015
MgSO <sub>4</sub> (anhydrous)	0.0977	<b>Reducing Agents</b>	<b>g/liter</b>
KCl	0.33	Glutathione, monosodium	0.001
KNO <sub>3</sub>	0.000076	<b>Proteins</b>	<b>g/liter</b>
NaHCO <sub>3</sub>	3.024	PurMa™ AlbuSup (Albumin)*	0.4
NaCl	4.505	Human Transferrin (Holo)	0.0075
NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O	0.125	Insulin Recombinant Full Chain	0.010
Na <sub>2</sub> SeO <sub>3</sub> ·5H <sub>2</sub> O	0.0000173		

Chromatographically purified with IgG content ≤0.1.0%.