

## Product Information

Dulbecco's Modified Eagle Medium (DMEM) Low Glucose (1 g/L), with Stable Glutamine, with Sodium Pyruvate  
Cat. No. DMEM-LPSTA (500 ml)

### Product Specifications

Appearance	Clear red orange solution
CO <sub>2</sub> concentration, optimum	8.5 %
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>	
Glycine	30.00
L-Alanyl-L-Glutamine	862.00
L-Arginine HCl	84.00
L-Cystine 2 HCl	48.00
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-Serine	42.00
L-Threonine	95.00
L-Tryptophan	16.00
L-Tyrosine 2 Na	89.47
L-Valine	94.00

Components	Concentration mg/L
<b>Vitamins:</b>	
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
<b>Inorganic Salts:</b>	
CaCl <sub>2</sub> 2 H <sub>2</sub> O	265.00
Fe(NO <sub>3</sub> ) <sub>3</sub> 9 H <sub>2</sub> O	0.10
KCl	400.00
MgSO <sub>4</sub>	97.67
NaCl	6400.00
NaHCO <sub>3</sub>	3700.00
NaH <sub>2</sub> PO <sub>4</sub>	109.00
<b>Other Components:</b>	
D-Glucose	1000.00
Phenol Red Sodium Salt	15.90
Sodium Pyruvate	110.00

### Precautions and Disclaimer

This product is for research use only.

### 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).