

# Formulations

## DULBECCO'S MODIFIED EAGLE'S MEDIUM (DMEM) with L-Glutamine and 1.5 g/L NaHCO<sub>3</sub>

**Cat.# 112-319**

COMPONENTS	mg/L
<b>Inorganic Salts</b>	
Calcium Chloride (CaCl <sub>2</sub> Anhydrous)	200.00
Potassium Chloride (KCl)	400.00
Magnesium Sulfate (MgSO <sub>4</sub> (anhydrous))	97.67
Sodium Chloride (NaCl)	6400.00
Sodium Bicarbonate (NaHCO <sub>3</sub> )	1500.00
Sodium Phosphate monobasic (NaH <sub>2</sub> PO <sub>4</sub> •H <sub>2</sub> O)	125.00
Ferric Nitrate (Fe(NO <sub>3</sub> ) <sub>3</sub> •9H <sub>2</sub> O)	0.10
<b>Other Components</b>	
D-Glucose	4500.00
Phenol Red	15.00
Sodium pyruvate	110.00
<b>Amino Acids</b>	
Glycine	30.00
L-Arginine•HCl	84.00
L-Cystine•2HCl	63.00
L-Glutamine	584.00
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•2Na•2H <sub>2</sub> O	104.00
L-Valine	94.00
<b>Vitamins</b>	
D-Ca pantothenate	4.00
Choline chloride	4.00
Folic acid	4.00
i-Inositol	7.20
Nicotinamide (Niacinamide)	4.00
Pyridoxal•HCl	4.00
Riboflavin	0.40
Thiamine•HCl	4.00