

# Formulations

## DULBECCO'S MODIFIED EAGLE'S MEDIUM (DMEM) WITH Glutamine XL

**Cat.# 112-300**

**COMPONENTS**

mg/L

### Inorganic Salts

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>	3700.00
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

### Other Components

D-Glucose	4500.00
Phenol Red	15.00
Sodium pyruvate	110.00

### Amino Acids

Glycine	30.00
L-Arginine·HCl	84.00
L-Cystine·2HCl	63.00
L-Alanyl-Glutamine	862.00
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

### Vitamins

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