



## Product Information

Dulbecco's Modified Eagle Medium (DMEM) High Glucose (4.5 g/L), with Stable Glutamine

Catalog no: GBDM04 / 04F

## Product Specification

Appearance	Clear red orange solution
pH	7.00 ± 7.60
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>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> 7H <sub>2</sub> O	200.00
NaCl	6400.00
NaHCO <sub>3</sub>	3700.00
NaH <sub>2</sub> PO <sub>4</sub> 2H <sub>2</sub> O	141.73
<b>Other Components:</b>	
D-Glucose	4500.00
Phenol Red Sodium Salt	15.90
Sodium Pyruvate	110.00

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	62.57
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 2H <sub>2</sub> O	103.79
L-Valine	94.00

## Need Help?

If you have any further queries, please feel free to email our cell culture specialists at [info@genexisbiotech.com](mailto:info@genexisbiotech.com).

### Disclaimer:

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