

L-Glutamine-MAXIMUM Solution (100x)
ORDER INFORMATION

Name of Products: L-Glutamine-MAXIMUM Solution (100x)
Catalogue Number: **cAP-27**
Product Format: 100ml in frozen solution (-20°C)

Product Description:

L-glutamine is an essential amino acid required by virtually all mammalian and insect cells grown in culture. L-alanyl-L-glutamine (L-Glutamine-MAXIMUM) can be used as a direct substitute for L-glutamine at equal molar concentrations (2 to 4 mM for most applications). Whereas L-glutamine is labile in cell culture medium and its degradation results in a deleterious build-up of ammonia, L-Glutamine-MAXIMUM dipeptide is very stable with minimal ammonia production. Once inside the cell, the dipeptide is split by aminopeptidases into L-alanine and L-glutamine.

L-Glutamine-MAXIMUM concentrated (200mM) solution (cAP-27) is formulated in 0.85% NaCl and filtered with 0.22um filter.

Formulation:

L-Glutamine-MAXIMUM 43.44g/L
 NaCl 85.00g/L

Specifications

pH 5.0-6.0
 Osmolality 400 to 500 mOsm
 Endotoxin (EU/ml) <0.1
 Sterility Pass
 Mycoplasma Negative

Storage Once thawed keep at 2-8°C.

Shipping Dry Ice

Related Products

Quick Coating Solution	cAP-01	240ml	Angio-Proteomie
Cell Freezing Solution (FBS)	cAP-22	50ml	Angio-Proteomie
Cell Freezing Solution (Non-FBS)	cAP-22B	50ml	Angio-Proteomie
HBSS w/o Ca ²⁺ , Mg ²⁺	cAP-11	100ml	Angio-Proteomie
Trypsin/EDTA Solution	cAP-23	100ml	Angio-Proteomie
Trypsin Neutralization Solution	cAP-28	100ml	Angio-Proteomie
ITS (100x)	cAP-26	10ml	Angio-Proteomie
L-Glutamine-MAXIMUM (100x)	cAP-27	100ml	Angio-Proteomie
Human Plasma Fibronectin Solution	cAP-42	1mg/ml	Angio-Proteomie
Bovine Type I Collagen Solution	cAP-17	100mg	Angio-Proteomie

THESE PRODUCTS ARE FOR RESEARCH USE ONLY

Caution: Handling human and animal tissue derived products is potentially bio-hazardous. Although each cell strain is tested negative for HIV, HBV and HCV DNA, or pathogens, diagnostic tests are not necessarily 100% accurate; therefore proper precautions must be taken to avoid inadvertent exposure. Always wear gloves and safety glasses when working with these materials. Never mouth pipette. We recommend following the universal procedures for handling products of human origin as the minimum precaution against contamination.