

**Neo L-Glutamine (200 mM)**

#Cat: NB-58-0069

Size: 100ml

**General Information**

L-Glutamine is an essential amino acid that is a crucial component of culture media that serves as a major energy source for cells in culture. L-Glutamine is very stable as a dry powder and as a frozen solution. However, in liquid media or stock solutions, L-Glutamine degrades relatively rapidly. Toxic degradation products of L-Glutamine (ammonium ions) can interfere and may cause damage to cells. Optimal cell performance usually requires supplementation of the media with L-Glutamine prior to use. This solution is prepared in cell culture grade water.

**Product Specifications**

<b>Appearance</b>	Clear frozen liquid
<b>Storage and shelf life</b>	Store at $\leq -15^{\circ}\text{C}$ . Avoid repeated freeze-thaw cycles. Preparation of aliquots recommended. Once opened, store at $4^{\circ}\text{C}$ and use within 2-4 weeks.
<b>Shipping conditions</b>	Frozen (Dry ice)
<b>Thawing</b>	Thaw at $+37^{\circ}\text{C}$ in the water bath. Swirl gently to homogenize.

**Formulation**

<b>Components</b>	<b>Concentration mg/L</b>
L-Glutamine	29200

**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 ([info@neo-biotech.com](mailto:info@neo-biotech.com)) or phone (+33 9 77 40 09 09).