

## 200 mM L-Glutamine Solution, 100×

**Cat. No:** PB180420

**Size:** 100mL

### General Information

<b>Product Form</b>	Liquid
<b>Concentration</b>	200mM
<b>pH</b>	4.7-6.0
<b>L-Glutamine</b>	200mM
<b>Recommended working concentration</b>	1mM-4mM
<b>Dissolvent</b>	0.85% NaCl
<b>Storage</b>	-5~-20℃
<b>Shipping</b>	Ice bag or dry ice
<b>Expiration date</b>	12 months

### Background

L-glutamine is an essential element in cell culture that is not only an energy source of the cells, but also an important substance involved in protein synthesis and nucleic acid metabolism. The deficiency of L-glutamine will lead to poor cell growth and even death. L- glutamine is unstable in solution and easy to degrade spontaneously, so it is necessary to supplement a certain amount of L-glutamine in culture medium to meet the needs of cell growth after a period of time or when cells grow badly.

### Notes

1. This product is for research use only,;
2. This product is sterilized by 0.1μm filtration,;
3. It is necessary to pay attention to the aseptic operation and avoid the contamination,;
4. It is not recommended to store this product at room temperature for a long time,;
5. Thaw in 2-8℃ and mix fully before use. Avoid repeated freezing and thawing. It is recommended to aliquot the solution and store at -5~-20℃,;
6. This product is a concentrated solution and dilute it to the desired concentration before use.