

## Ampicillin (100mg/ml solution)

**Cat:** A1170

**Specification:** 1mL /5\*1mL /10mL /100mL

**Storage:** Store at -20°C, and it is valid for 1 year.

### Introduction (only for reference):

This product is a solution of Ampicillin dissolved in double-distilled water and filtered. Before use, it must be thawed and thoroughly mixed; the general working concentration of this solution is 100µg/mL, which is added at a ratio of 100µL (one thousandth) per 100mL of medium, and then mixed well. If pouring into plates, please ensure the medium is not too hot to touch before adding.

### Note

1. Repeated freezing and thawing can easily lead to the ineffectiveness of antibiotics. If the usage amount each time is very small, it is advisable to properly aliquot the solution before use.
2. For your safety and health, please wear laboratory clothes, disposable glove to operate.

### Related Products

I1020	<i>IPTG Solution (50mg/mL)</i>
X1010	<i>X-gal (20mg/mL)</i>
K1030	<i>Kanamycin Stock Solution (100mg/mL)</i>
C1100	<i>E.coli DH5α Competent Cells</i>
C1300	<i>E.coli JM109 Competent Cells</i>
D1100	<i>Plasmid Extraction Mini Kit</i>
T1120	<i>TE Buffer, pH=8.0</i>

### References

- [1] Xinnan Liu, Wentao Zhang, Lunjie Huang, et al. Fluorometric determination of dopamine by using molybdenum disulfide quantum dots. *Microchimica Acta*. April 2018. (IF 5.705)
- [2] Z Ran, S Li, J Huang, et al. Inactivation of *Cryptosporidium* by ozone and cell ultrastructures. *Journal of Environmental Sciences*. December 2010;1954-1959. (IF 4.005)
- [3] Dayong Ren, Jianwei Zhu, Shengjie Gong, et al. Antimicrobial Characteristics of Lactic Acid Bacteria Isolated from Homemade Fermented Foods. *BioMed Research International*. 2018. (IF 2.197)
- [4] Zaiqiang Wu, Junsong Wang, Jun Liu, et al. Engineering an electroactive *Escherichia coli* for the microbial electrosynthesis of succinate from glucose and CO<sub>2</sub>. *Microbial Cell Factories*. January 2019. (IF 3.831)

**Note:** For more documents using this product, please refer to the [www.solarbio.com](http://www.solarbio.com).