



## 250 µg/mL Amphotericin B Solution

Cat. No.: PB180127

Size: 10mL

## **General Information**

**Product Form** Liquid Concentration  $250 \mu g/mL$ 7.0 - 7.4рH **Gentamicin Sulphate** 250 μg/mL  $0.5-25 \, \mu g/mL$ **Recommended working** Dissolvent Ultrapure water

Antimicrobial spectrum enc Fungi

by Elab Storage 5~-20°C, Shading Light

**Shipping** Ice bag 12 months **Expiration date** 

## **Background**

icella® Amphotericin B, also known as Lushanmycin, is a polyene antifungal antibiotic isolated from the culture supernatant of Streptomycesnodosus. Its antibacterial mechanism it can combine with ergosterol on the membrane of the fungus, resulting in cell membrane damage, the permeability is improved, thematerial inside the cell are leakaged, which disrupts normal metabolism and plays a bacteriostatic effect. Bacteria are ineffective because they do not contain ergosterol on their cell membranes. Amphotericin B has a broad antifungal spectrum, is effective against almost all fungi, and resistant strains are rare. It exhibits bactericidal effect at high concentrations. The amphotericin B solution is unstable at room temperature, easily damaged by light, heat and acid, and has the strongest antibacterial effect at pH 6.0-7.5.

## **Notes**

- This product is for research use only.
- This product is sterilized by 0.1µm filtration. 2.
- It is necessary to pay attention to the aseptic operation and avoid the pollution. 3.
- It is not suitable for long time storage at room temperature or 2-8°C. 4.
- Thaw in 2-8°C and mix fully before use. Avoid repeated freezing and thawing. It is recommended to aliquot 5. the solution and store at -5~-20°C.
- LTI Contration by Elabscience This product is a concentrated solution and dilute it to the desired concentration before use. 6.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017 Web: www.pri-cella.com

Email: techsupport@pri-cella.com