

Sodium Heparin Solution (0.5%, 625U/mL, Sterile)

Cat #: A-CSH465

Size: 10×10mL

Storage: -20°C (12 months)

Product Description

Heparin Sodium is the sodium salt of sulfated glycosaminoglycan derived from the intestinal mucosa of pigs or cows. It belongs to the class of glycosaminoglycan sulfates and is an anticoagulant drug with a relative molecular weight of 15,000. Heparin Sodium can bind to antithrombin III, promoting its inhibition of coagulation factors XII, XI, X, IX, and thrombin activity, and inhibiting platelet aggregation, thereby exerting its anticoagulant effect. Heparin Sodium Solution (0.5%, 625U/mL, sterile) is sterile processed and suitable for red blood cell hematocrit determination. However, it is not suitable for coagulation studies and general hematological examinations as it can cause leukocyte aggregation and result in a blue background after blood smear staining. This reagent is for research purposes only and not for clinical use.

Usage

1. Operate according to specific experimental requirements.
2. Generally, the solution should be diluted 50 times before use. For example, 1ml of Heparin Sodium Solution (0.5%) can anticoagulate 49-50ml of blood.

Notes

1. Pay attention to aseptic operation to avoid microbial contamination.
2. For your safety and health, please wear lab attire and disposable gloves while handling.

Disclaimer

For your safety and health, please wear a lab coat and disposable gloves while handling.