

0.5% EDTA Solution

Cat. No: PB180620

Size: 100mL

General Information

Product Form	Liquid
Concentration	0.005
HEPES	Negative
EDTA·2Na	5000mg/L
Storage	2-8℃ ,Shading Light
Shipping	Ice bag
Expiration date	18 months

Background

EDTA is a chemical chelating agent that can chelate divalent metal ions such as Ca²⁺ and Mg²⁺. Its solution is also called Versene solution. Because Ca²⁺ and Mg²⁺ are important components of cell membranes and have the function of agglutinating cells, EDTA can destroy the connection between cells and promote the dissociation of cells into single cells. EDTA is less toxic, cheap, convenient to use, and does not damage cell surface molecules. It only binds to Ca²⁺ and Mg²⁺, so it is suitable for cell digestion where cell surface molecules need to be detected. It is also often mixed with trypsin solution in a certain proportion.

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. EDTA will not be neutralized, and the digested cells should be washed with PBS, otherwise the cells will be hard to adhere.