

Acid elution buffer

Cat. No.: E-IR-IP006

Size: 100 mL/ 500 mL

Cat	Product	100 mL	500 mL	Storage
E-IR-IP006	Acid elution buffer	100 mL	500 mL	4°C

Introduction

This product is a pH 3.0 non-denaturing elution buffer that provides efficient separation and elution of most antigens and antibodies, reducing protein denaturing.

Instructions

The target proteins eluted by this method can be used for later functional analysis.

1. Add 100-200 μ L acid elution buffer to the affinity gel or magnetic beads and incubate at room temperature for 10 min.
2. Prepare a new collection tube, centrifuge or magnetic separation, collect the supernatant to the new collection tube, and immediately drop in 1/10 of the total volume of neutralizing solution (can be replaced by PBS), adjust the pH of the elution product to neutral, and the sample can be used for later functional analysis.

Storage

Store at 4°C for 12 months.

Cautions

1. This product is not a one-size-fits-all solution, and some antigen and antibody interactions may not be dissociated with this buffer, and some antibodies are sensitive to low pH environments.
2. Adding neutralizing solution in the collection tube prior to elution can alleviate the sensitivity of antibodies to low pH environments.
3. This product is a formula that has been repeatedly optimized for a long time and has been verified by a large number of experiments. This product can only be used with the accompanying kits (EA-IP-K006, EA-IP-K007, EA-IP-K007M, EA-IP-K009, EA-IP-K010), and cannot be used alone. The reagents provided by other manufacturers may affect the subsequent experimental results.
4. This product is for scientific research use only by professionals and shall not be used for clinical diagnosis or treatment.
5. For your safety and health, please wear a lab coat and disposable gloves, and follow the laboratory reagent operation rules.

For Research Use Only