

Protein Elution Buffer, pH3.5

Catalogue #: MP005

Storage: RT

Size: 100mL

Protein Elution Buffer, Glycine Buffer, pH3.5

Description:

The most widely used elution buffer for affinity purification of proteins is 0.1 M glycine, pH 1.8-3.5. This buffer effectively dissociates most protein-protein and antibody-antigen binding interactions without permanently denaturing protein and inactivate holoenzyme. Nevertheless, some antibodies and proteins are damaged by low pH, so eluted fractions are best neutralized immediately after recovery by addition of 1/10th volume of alkaline buffer such as 1 M Tris.HCl, pH 8.0 to minimize the duration of time in the low-pH condition.

MacGene offers two preformulated elution buffers for use in protein affinity purification systems:

SureElute is a stabilized, pH1.8, glycine buffer that is efficient and suitable for most immunoaffinity purification systems. Some antibodies and antigens (particularly the holoenzyme) may be damaged by the low-pH condition.

GentleElute is a pH3.5 glycine buffer that is formulated to provide a gentel elution condition.

FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES

