

AP-StabilPLUS

BUFFERS & STABILIZERS

AP Conjugate Stabilizer

Cat. no. 4540

Product Characteristics

AP-StabilPLUS is used for the dilution and stabilization of Alkaline Phosphatase (AP) labeled proteins and antibodies, in order to maintain the molecular conformation and prevent loss of activity over time. This enables the making of pre-diluted, ready-to-use AP-conjugates, minimizing assay errors in dilution.

When testing the AP-StabilPLUS with AP conjugated antibodies, stability is seen as follows:

- at least 3 years at 2-8 °C
- at least 2 years at room temperature
- at least 4 weeks at 37 °C

Stabilization of AP conjugated antibodies works well in low as well as in high protein dilutions.

Composition & Properties

AP-StabilPLUS is a ready-to use buffer that appears as an opaque solution. The product is based on a mild Tris buffer containing proprietary stabilizing components. AP-StabilPLUS contains neither BSA, nor other material from bovine serum, azide, mercury or other toxic components.

Working Procedure

1. Make a series of dilutions of the AP-conjugated protein in AP-StabilPLUS in order to determine the optimal dilution.
2. Run the assay as usual or store the diluted AP-conjugated protein preferably at 2-8 °C.

Tips & Tricks

- Avoid using phosphate buffers for AP-conjugated antibody assays. We recommend the use of Tris/HCl, Tween as the washing buffer, instead of a PBS buffer which will reduce signal significantly.

Handling & Storage

- Store solution at 2-8 °C.



Our Immunoassay Solutions are eco-friendly, creating a healthy work environment and preserving natural resources, while helping our customers fulfill significant regulatory requirements. **We call it ECO-TEK.**