

PRODUCT DATA SHEET

HRP/AP Conjugate Stabilizer HRP/AP-STABILIZING BUFFER

1. Description

HRP/AP Stabilizing Buffer is a universal stabilizer for dilution and stabilization of both Alkaline Phosphatase (AP)- and Horseradish Peroxidase (HRP)-conjugates.

This stabilizing buffer maintains the molecular conformation and prevents loss of activity over time; it allows the storage of conjugate for at least 3 years at 2-8°C minimizing assay error related to daily dilution variation.

The Biomat HRP/AP Stabilizing Buffer is ready-to-use and BSA free or other material from bovine serum; it does not contain azide, mercury or other toxic compounds. It supports stabilization of conjugated proteins in low as well as in high protein dilutions.

Code	Size	Physical state
400-3-100	100 ml	liquid
400-3-500	500 ml	liquid
400-3-1000	1000 ml	liquid

2. Features

Mild acid buffer
Free of BSA (Bovine Serum Albumin)
Free of azide, mercury and other toxic compounds
Provides superior stabilization of AP- and HRP-conjugates
Minimized assay error related to daily dilution variation
Allows the conjugate storage for at least 3 years at 2-8°C
Recommended for dilution of antibodies directed against rabbit immunoglobulins
Ready-to-use

3. Specifications

pH	6.60 – 7.00
Colour	Clear solution

4. Stability and storage

3 years at 2-8 °C. Avoid direct exposure to light	
Other information	We recommend the use of Tris/HCl, Tween as the washing buffer Avoid to use PBS buffers for AP-conjugated antibody assays
	All lots are tested
	Certificate of Quality is released for every lot



HOW TO USE

- a) Define your optimal dilution factor making a series of dilutions of the conjugate protein in HRP/AP Stabilizing Buffer.
- b) Run the assay as usual or store the ready to use, stabilized conjugate at 2-8°C.

Product Data Sheet subject to change without notice.

For detailed technical information visit www.biomat.it