

PRODUCT DATA SHEET

DILUENT FOR HRP CONJUGATE

0.1M PBS pH 7.2 + BSA

1. Description

The Diluent for HRP conjugate is an useful buffer solution for proteins or antibodies HRP-conjugated, that are used in direct or indirect ELISA assays. The use of this buffer improves the signal and does not interfere with the bonding antigen/antibody.

The Biomat Diluent for HRP-conjugate is ready-to-use.

Code	Size	Physical state
400-2-100	100 ml	liquid
400-2-500	500 ml	liquid
400-2-1000	1.000 ml	liquid

2. Features

Composition: 0.072 M Na ₂ HPO ₄ 0.028 M NaH ₂ PO ₄ • H ₂ O 0.145 M NaCl 0.2% BSA
Contains 0.05% ProClin 300®
Minimizes non-specific binding
Reduces the background
Specific for molecules HRP-conjugated
Ready-to-use
Negligible differences lot to lot

3. Specifications

pH	7.2 ± 0.2 at 25°C
Colour	Clear solution, slightly yellow

4. Stability and storage

12 months at 2-8 °C (tolerates repeated freezing and thawing cycles) – Shipping condition: Room temperature	
Other information	It should not be used in applications where BSA interferes with the assay
	All lots are tested
	Certificate of Quality is released for every lot



HOW TO USE

The Biomat Diluent for HRP-conjugates has to be warmed up to room temperature and gently mixed before its use.

Define your optimal dilution factor making a series of dilutions of the conjugate protein in Diluent for HRP-conjugates.

Dilute your proteins or other biomolecules HRP-conjugated in this buffer solution and run the assay according your ELISA test.

Use immediately the conjugate working solution in your ELISA test.

Do not use any left conjugate working solution because it loses HRP activity over the time.

Product Data Sheet subject to change without notice.

For detailed technical information visit www.biomat.it