



Product Information Sheet

Biotin Conjugated Protein A

Catalog No. BA1025-0.5

Size 0.5 mg

Formulation

Concentrated, Liquid

Storage

Store at 4°C for frequent use; at

-20°C for at least one year.

Avoid multiple freeze-thaw cycles.

Expiration

One year from the day of shipment.

Applications

Immunohistochemistry (IHC);

Western blot (WB);

Direct ELISA

Product Description

Protein A is the component of the cytoderm of staphylococcus aureus. It was regarded as a kind of broad spectrum secondary antibody, because it can bind Fc fragments of a majority of immunoglobulin. It can react with guinea pig, rabbit globulin and human IgG1, 2, 4 strongly and react with mouse, bovine globulin and human IgA, E, M weakly.

Contents

0.5mg of biotin conjugated protein A; 0.01M PBS; 1% BSA; 0.01% Thimerosal.

Labeling Method

Protein A is conjugated to biotin by means of a method described by Bayer.

(Reference: Bayer, E.A. et al., Meth. Enzymol., 62, 308 (1979))

Application Notes

This protein must be used with various kinds of enzymes and fluorescence conjugated avidin (streptavidin) in IHC, WB and ELISA.

Diluted by neutral PBS or TBS.

Recommended Dilutions

IHC (paraffin-fixed section)	1:100-200
IHC (frozen-fixed section)	1:100-200
WB (DAB coloration)	1:200-400
Direct ELISA	1:5000-20000

Optimal working dilutions must be determined by end user.

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