Product Information Sheet

Peroxidase Conjugated Goat Anti-human IgA (α-chain specific)

Catalog No.   BA1066-0.25

Size   0.25 mg

Ig Type   IgA

Immunogen

Human IgA (whole molecular).

Storage

Store at 4℃ for frequent use; at -20℃ for at least one year.

Avoid multiple freeze-thaw cycles.

Expiration

One year from the day of shipment.

Applications

Dot blot;

Western blot (WB);

Direct ELISA

Purification

This antibody was purified from antiserum by immunoaffinity chromatography which removes essentially all goat serum proteins, except the specific antibody for human IgA.

Raised in Goat   *Clonality* Polyclonal

Contents

0.25 mg of peroxidase conjugated specific antibody; 0.01M PBS (pH7.4); 0.1% BSA.

Specificity

This peroxidase conjugated antibody is specific for human IgA and shows no cross-reactivity with human IgG, IgM and other animal species IgA proteins.

Labeling Method

Goat anti-human IgA is conjugated to peroxidase by means of a method described by Wilson MB and Nakane PK.

(**Reference**: Wilson MB and Nakane PK. In Immunofluorescence and Related Staining Techniques, Elsevier/North Holland Biomedical Press, Amsterdam, P215 (1978).)

Preparation of Diluent Buffer

Use 0.01M TBS or 0.01M PBS to dilute. See "Recommended Dilutions" below for details.

Preparation of 0.01M TBS: Add 1.2g Tris, 8.5g NaCl; 450µl of purified acetic acid or 700µl of concentrated hydrochloric acid to 1000ml H_2O and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L.

Preparation of 0.01 M PBS: Add 8.5g sodium chloride, 1.4g Na_2HPO_4 and 0.2g NaH_2PO_4 to 1000ml distilled water and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L.

To reorder contact us at:

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Recommended Dilutions

Dot blot (Enhanced chemiluminescent coloration)	1:2000-4000
WB (DAB coloration)	1:300-1000
WB (Enhanced chemiluminescent coloration)	1:2000-4000
Direct ELISA (TMB coloration)	1:20000-40000

Optimal working dilutions must be determined by end user.

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