



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: W99591G **Lot #:** 3J30516

Description: Goat anti Human IgG, IgM and IgA (H&L)
Goat Antibody to Human IgG and IgM and IgA, Heavy & Light Chains
Horseradish Peroxidase Conjugated

Specificity: Based on Immunoelectrophoresis and or ELISA, the antibody reacts with the heavy chains on Human IgA, IgG and IgM and with light chains common to most human immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins but the antibody may cross-react with immunoglobulins from other species.

Host Animal: Goat

Format: HRP, Lyophilized
Reconstitute to 2 mL distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. To judge clarity, draw product into a clean pasteur pipette.

NOTE: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

Purification: Isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Concentration: 0.8 mg/mL (prior to lyophilization).

Buffer: Lyophilized from 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.6 containing 15 mg/mL BSA (IgG Free and Protease Free).

Preservative: None

Applications: A starting range of 1:500 – 1:5,000 is suggested for Immunohistochemistry on tissue sections, 1:5,000 – 1:100,000 for ELISA and Western Blotting with chromogenic substrates and 1:10,000 – 1:200,000 for Western Blotting with ECL substrates. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store lyophilized product at 2-8°C. After reconstitution, product is stable for several weeks at 2-8°C as an undiluted liquid. Prepare working dilution only prior to immediate use. For extended storage after reconstitution, we suggest the addition of an equal volume of glycerol (ACS or better grade) to make a final glycerol concentration of 50% followed by storage at -20°C, with or without aliquoting. Please note that the concentration of protein and buffer salts will decrease to one-half of the original after the addition of glycerol. Expiration date is one year from date of reconstitution.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

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