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CERTIFICATE OF ANALYSIS

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

Catalog #: W01262FL **Lot #:** 4H21422

Description: Goat anti Human IgG (H&L)
Goat Antibody to Human Immunoglobulin G (IgG), Heavy and Light Chains
Fluorescein Conjugated

Specificity: Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule human IgG and with the light chains of other human immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or absorbed to ensure minimal cross-reaction with bovine, horse and mouse serum proteins, but it may cross-react with immunoglobulins from other species.

Host Animal: Goat

Format: FITC, Liquid

Purification: Purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads. Labeled with fluorescein-5-isothiocyanate (FITC isomer 1).

Concentration: 1.5 mg/mL
Fluorophore/Protein 9.3 µg/mg (3.5 moles FITC per mole IgG).

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

Preservative: 0.05% Sodium Azide

Applications: Suitable for use in ELISA and IEP. A suggested dilution range of 1:50–1:200 for most applications. 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 product at 2–8ºC undiluted for approximately 6 weeks. Prepare working dilution fresh each day. For long term storage, aliquot and freeze at -70°C or below. Avoid repeated freeze/thaw cycles. Alternately, add an equal volume of Glycerol (ACS or better grade) to make a final Glycerol concentration of 50% followed by storage at -20ºC as a liquid. Please note that the concentration of protein and buffer salts will decrease to one-half of the original after addition of glycerol.

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

Quality Signature:  02 Aug 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY