

CERTIFICATE OF ANALYSIS

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

Catalog #: W41706F **Lot #:** 9125904

Description: Donkey anti Goat IgG (H&L)
Donkey Antibody to Goat Immunoglobulin G (IgG), Heavy & Light chains
Fluorescein conjugated

Specificity: Based on immunoelectrophoresis, the antibody reacts with the heavy chains on goat IgG and with light chains common to most goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins, but antibodies may cross-react with immunoglobulins from other species.

Host Animal: Donkey

Format: FITC, Lyophilized.
Reconstitute to 1.1ml with 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.

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

Concentration: 1.5mg/ml (prior to lyophilization)
Fluorophore/Protein: 8.9ug/mg; 3.3moles FITC per mole IgG

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

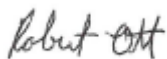
Preservative: 0.05% Sodium Azide (prior to lyophilization)

Applications: A dilution range of 1:50 - 1:200 is suggested 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 lyophilized product at 2-8°C. After reconstitution, product is stable for about six weeks at 2-8°C as an undiluted liquid. Prepare working dilution only prior to immediate use. For extended storage after reconstitution, add an equal volume of glycerol (ACS or better grade) for a final concentration of 50% glycerol followed by storage at -20°C. Please note that the concentration of protein and buffer salts will decrease to one-half of the original after addition of glycerol. Expiration date is one year from date of reconstitution.

Warnings: This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Bovine serum albumin (BSA) and dry milk may contain IgG which reacts with anti-bovine IgG, anti-goat IgG, anti-horse IgG, and anti-sheep IgG antibodies. Therefore, use of BSA and/or dry milk to block or dilute these antibodies and/or your primary antibody may significantly increase background and/or reduce secondary antibody titer. For pre-blocking, a 4-5% normal serum from the same host species of the labeled secondary antibody is recommended.



Signature

18 September 2013
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY