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CERTIFICATE OF ANALYSIS

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

Catalog #: W01260AF **Lot #:** 19K3117

Description:
Goat anti Human IgG (H&L)
Goat Antibody to Human Immunoglobulin G (IgG), Heavy and Light Chains
Alexa Fluor 488 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:
Alexa Fluor® 488, Lyophilized
Reconstitute with 0.8 mL distilled water and centrifuge if not clear.

Purification:
Purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads. Labeled with Alexa Fluor 488 carboxylic acid.

Concentration:
1.5 mg/mL (Prior to Lyophilization)
Fluorophore/Protein Ratio: 2.2

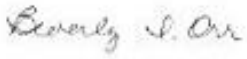
Buffer:
Lyophilized from 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.6 containing 15 mg/mL BSA (IgG-Free, Protease-Free).

Preservative:
0.05% Sodium Azide

Applications:
Suitable for use in ELISA and IEP. A suggested dilution range of 1:100–1:800 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 2–8ºC. After reconstitution, product is stable for approximately 6 weeks at 2–8ºC 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 -20ºC, with or without aliquoting. 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.

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



Quality Signature: 07 December 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY