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TECHNICAL INFORMATION

cappel

Catalog Number: 55556

Peroxidase-Conjugated Goat IgG Fraction To Mouse Immunoglobulins (IgG, IgA, IgM)

DESCRIPTION: Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat IgG fraction to mouse immunoglobulins (IgG,IgA,IgM) and buffer salts.

Antibody and highly purified HRP ($R_z > 3.0$) are conjugated under defined conditions to obtain optimally labeled product. Conjugated protein is purified by salt fractionation. The product is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22 μ m filter, vialled and lyophilized.

USES: This product is suitable for use as a reagent in enzyme immunoassays (EIA), cell and tissue staining (for light microscopy), cell and tissue labeling (for electron microscopy), and blot immunostaining. (Note: F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. Affinity purified antibodies or their fragments are recommended to avoid non-specific binding from inherent antibodies of host animals. See **Related Product Ordering Information** for these products.)

SPECIFICATIONS: The total protein is measured using the Biuret procedure with bovine albumin as the standard. To ensure that the product titer falls within the required range, antibody titer is standardized by microtiter plate ELISA with mouse gamma globulin. The product is tested for purity and specificity at final concentration by immunoelectrophoresis. The antibody is predominantly goat IgG; no trace of albumin is detected. It shows reactivity to mouse immunoglobulins (IgG,IgA,IgM); cross-reactivity to other species may exist. Antibody activity to non-immunoglobulin serum proteins is not present.

RECONSTITUTION: Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55441 GOAT ANTI-MOUSE IMMUNOGLOBULINS (G,A,M)2ML
55461 IGG GOAT ANTI-MOUSE IMMUNOGLOBULINS (G,A,M) 5ML
55486 AFF.PUR. GOAT ANTI-MOUSE IMMUNOGLOBULINS (G,A,M)2MG
55491 AFF.PUR. F(AB')₂ GOAT ANTI-MOUSE IMMUNO. (G,A,M)2MG
55861 PURIFIED MOUSE GAMMA GLOBULIN25MG
59294 AKP AFF.PUR. GOAT ANTI-MOUSE IMMUNO. (G,A,M)1ML
59304 AKP AFF.PUR.F(AB')₂ GOAT ANTI-MOUSE IMM.(G,A,M)1ML
55570 HRP AFF.PUR. GOAT ANTI-MOUSE IMMUNO. (G,A,M)2ML
55576 HRP AFF.PUR. F(AB')₂ GOAT ANTI-MOUSE IMM.(G,A,M)2ML
55939 PURIFIED MOUSE IGG20MG
50325 PURIFIED MOUSE MYELOMA IGA(k2) MOPC 3151MG
50326 PURIFIED MOUSE MYELOMA IGA(j) TEPC 151MG
50335 PURIFIED MOUSE MYELOMA IGM(k1) MOPC 104E1MG
50336 PURIFIED MOUSE MYELOMA IGM(j) TEPC 183 1MG
36315 DAB6x1ML
36317 OPD6x1ML
36318 TMB6x1ML
36319 ABTS\6x1ML
55984 NORMAL GOAT SERUM2ML

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Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)