Product Specification Sheet

Product: Peroxidase Conjugated Affinity Purified anti-Rabbit IgG F(ab')2 [Goat] Minimum Cross reactivity to Human Serum Proteins

Code: 611-1324

Lot #: 1499

Size: 2.0 mg

Physical State: Lyophilized

Antibody Concentration: 2.0 mg/ml (by UV absorbance at 280 nm)

Label: Horseradish Peroxidase (HRP)

Buffer: 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4

Stabilizer: 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free

Preservative: 0.01% (w/v) Gentamicin Sulfate

Application(s): Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.

Recommended Dilution(s): This product has been assayed against 1.0 ug of Rabbit IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:6,000 of the reconstitution concentration is suggested for this product. Optimal titers for other applications should be determined by the researcher.

Storage Conditions: Store vial at 4° C prior to restoration. Restore with 1.0 ml of deionized water (or equivalent). For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of restoration.

Purity and Specificity: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG, Rabbit IgG F(ab')2 and Rabbit Serum. No reaction was observed against Rabbit IgG F(c) or Human Serum Proteins.

Immunogen: Rabbit IgG F(ab')2 fragment


Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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