

Product Specification Sheet

Product: *Texas Red™ Conjugated Donkey IgG F(ab')₂ fragment

Code: 016-0904

Lot # 99957

Size: 1.0 mg

Physical State: Lyophilized

Antibody Concentration: 1.0 mg/ml (by UV absorbance at 280 nm)

Label: Texas Red™ Sulfonyl Chloride (Molecular Weight 625 daltons)

Absorption Wavelength: 596 nm

Emission Wavelength: 620 nm

Fluorochrome/Protein Ratio: 3.0 moles Texas Red per mole of Donkey IgG F(ab')₂

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: 10 mg/ml Polyethylene Glycol (PEG-8000)

Preservative: 0.01% (w/v) Sodium Azide

Application(s): Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays.

Recommended Dilution(s): Not specified. Optimal titers for 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 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: This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey IgG, anti-Donkey IgG F(ab')₂ and anti-Donkey Serum. No reaction was observed against anti-Donkey IgG F(c) or anti-Pepsin.

Immunogen: Not applicable

Conjugation Reference: Titus et al. *J. Immunol. Methods* **50**; 193, (1982).

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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.