

Product Specification Sheet

Product: *Texas Red™ Conjugated Donkey IgG whole molecule

Code: 016-0902

Lot # 3262

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: 3.1 moles Texas Red per mole of Donkey IgG

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

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

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 extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey IgG and anti-Donkey Serum..

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.