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# Rat IgG F(ab')2 Peroxidase

Catalog # ASR1745

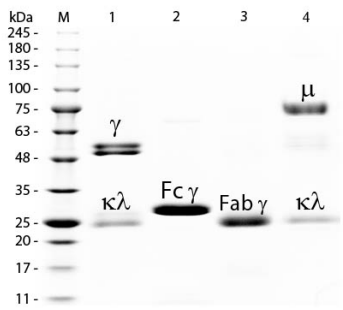
## Product Information

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| **Description** | RAT IgG F(ab')2 fragment Peroxidase conjugated |
| **Conjugate** | Peroxidase (Horseradish) |
| **Physical State** | Lyophilized |
| **Host Isotype** | IgG F(ab')2 |
| **Buffer** | 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| **Species of Origin** | Rat |
| **Reconstitution Volume** | 1.0 mL |
| **Reconstitution Buffer** | Restore with deionized water (or equivalent) |
| **Stabilizer** | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |
| **Preservative** | 0.01% (w/v) Thimerosal |

## Additional Information

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| **Shipping Condition** | Ambient |
| **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-Peroxidase, anti- Rat IgG, anti-Rat IgG F(ab')2 and anti-Rat Serum. No reaction was observed against anti-Rat IgG F(c) or anti-Pepsin. |
| **Storage Condition** | Store vial at 4° C prior to restoration. 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. |
| **Precautions Note** | This product is for research use only and is not intended for therapeutic or diagnostic applications. |

## Images




SDS-PAGE of Rat IgG F(ab')2 Fragment Peroxidase Conjugated (p/n ASR1745). Lane M: 3 µL Opal Prestained Marker (p/n MB-210-0500). Lane 1: Reduced Rat IgG Whole Molecule (p/n 012-0102). Lane 2: Reduced Rat IgG F(c) Fragment (p/n 012-0103). Lane 3: Reduced Rat IgG F(ab')2 Fragment Peroxidase Conjugated (p/n ASR1745). Lane 4: Reduced Rat IgM Whole Molecule (p/n 012-0107). Load: 1 µg of IgG, F(c) and F(ab')2; 1.5 µg of IgM. Predicted/Observed size: IgG at 55 and 25 kDa; F(c) at 25

kDa; F(ab')2 at 25 kDa; IgM at 78 and 25 kDa. Observed F(c) Fragment migrates slightly higher.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.