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## TECHNICAL INFORMATION

# cappel

Catalog Number: 55806

### Rabbit IgG Fraction To Sheep Red Blood Cells

**DESCRIPTION:** Product is the lyophilized powder of rabbit IgG fraction to sheep red blood cells and buffer salts. The IgG fraction is prepared from the specific rabbit antiserum by delipidation, ammonium sulfate fractionation and anion exchange chromatography. The resulting IgG fraction is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22 µm filter, vialled and lyophilized.

**USES:** This product is suitable for sensitizing cells in hemolytic complement assays, and for lymphocyte screening procedures, especially screening for T cells and T receptor-bearing lymphocytes.

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers.

See **Related Product Ordering Information**.

**SPECIFICATIONS:** The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Hemagglutination titer is standardized with an in-house control by measurement of agglutination end-point with 10% sheep red blood cells. Each IgG fraction is tested for purity at a minimum of 40 mg/ml using immunoelectrophoresis. The product is mostly rabbit IgG; no trace of albumin is detected.

**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

55800 RABBIT ANTI-SHEEP RED BLOOD CELLS2ML

55808 IGM RABBIT ANTI-SHEEP RED BLOOD CELLS5ML

55875 SHEEP BLOOD ALSEVERS20ML

55876 WASHED, PRESERVED SHEEP RED BLOOD CELLS20ML

55877 FORMALINIZED SHEEP RED BLOOD CELLS20ML

**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.](#)