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## TECHNICAL INFORMATION

# cappel

Catalog Number: 55713

### Goat Antiserum To Rat Complement C3

**DESCRIPTION:** Product is the lyophilized powder of goat antiserum to rat complement C3 and buffer salts. The antiserum is prepared by hyperimmunizing goats with highly purified rat complement C3; antiserum is delipidated and made specific by solid-phase absorption. The resulting antiserum is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22  $\mu$ m sterile filter, vialled and lyophilized.

**USES:** This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

(Note: IgG fractions are suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers and for attachment to solid supports for use as an immunoabsorbant. F(ab')<sub>2</sub> fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

**SUGGESTED WORKING DILUTIONS:**

1:50 - 1:200 for Tissue Staining

1:100 - 1:500 for Immunoblotting

1:400 - 2,000 for Elisa

**It is recommended that each lab obtain their own optimal working dilution for each assay**

**SPECIFICATIONS:** The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized by equivalence-point precipitation. Each antiserum is tested for specificity at a minimum of 80 mg/ml using immunoelectrophoresis. It shows reactivity to rat complement C3; cross-reactivity to other species may exist. Antibody activity to other serum proteins is not present.

**RECONSTITUTION:** Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of reconstituted material.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #DescriptionSize

55730IGG GOAT ANTI-RAT COMPLEMENT C35ML

55738F(AB')<sub>2</sub> GOAT ANTI-RAT COMPLEMENT C3 2ML

55751FITC GOAT ANTI-RAT COMPLEMENT C3 2ML

55758FITC F(AB')<sub>2</sub> GOAT ANTI-RAT COMPLEMENT C32ML

55777HRP GOAT ANTI-RAT COMPLEMENT C32ML

55870POOLED RAT COMPLEMENT1ML

**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.](#)