



## Rabbit IgG FITC Conjugate IgG Fraction of Normal Serum

Product No. **F 7256**

### Product Description

Rabbit IgG (Product No. I 5506) is prepared from normal rabbit serum by fractionation and ion-exchange chromatography and is essentially free of other rabbit serum proteins. The IgG fraction is then conjugated to fluorescein isothiocyanate (FITC, Product No. F 7250). Following conjugation the FITC-IgG conjugate is dialyzed to remove unbound FITC.

FITC-Rabbit IgG is assayed by immunoelectrophoresis and found to be non-reactive with purified human IgA, IgG, IgM, and Bence Jones kappa and lambda myeloma proteins, human serum, bovine serum, rat serum, goat serum, and mouse serum.

Identity and purity of the purified IgG is established by immunoelectrophoresis (IEP). Electrophoresis of the conjugate followed by diffusion versus anti-rabbit IgG and anti-rabbit whole serum result in single arcs of precipitation in the gamma region.

### Reagents

The conjugate is provided as a solution in 0.01 M phosphate buffered saline, pH 7.4, containing 15 mM sodium azide as a preservative.

## Product Information

### Precautions and Disclaimer

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.

### Product Profile

Protein Concentration: 15 to 20 mg/ml by extinction ( $E_{280}^{1\%} = 14.0$ ).

F/P Molar Ratio: between 3.0 and 5.0

### Storage

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is **not** recommended. Storage in "frost-free" freezers is **not** recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

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