

Product Information

IgG-FITC from human serum
~20 mg/mL, buffered aqueous solution

Product Number **F9636**

Product Description

Human IgG (Product No. I 4506) is prepared from normal human serum, which is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum. This fraction is essentially free of other human 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-Human IgG is assayed by immunoelectrophoresis and is shown to be non-reactive with the following: purified human IgA, IgG, IgM, Bence Jones kappa and lambda myeloma proteins, human serum, rat serum, goat serum, rabbit serum, guinea pig 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-human IgG and anti-human whole serum results in single arcs of precipitation in the gamma region.

Reagent

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.

Precautions

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Note: Potential Biohazard - Handle as if capable of transmitting infectious agents. Refer to the Material Safety Data Sheet.

Storage/Stability

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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