

Product Information

Anti-Guinea Pig IgG (whole molecule)-TRITC

produced in rabbit, affinity isolated antibody

Catalog Number **T7153**

Product Description

Antiserum is developed in rabbit using IgG isolated from pooled normal guinea pig serum as immunogen. Antibody is obtained from rabbit anti-guinea pig antiserum by immunospecific purification to remove essentially all rabbit serum proteins including immunoglobulins which do not bind specifically to guinea pig IgG. The affinity isolated antibody is conjugated to tetramethylrhodamine isothiocyanate (TRITC), and then further purified to remove free TRITC.

Specificity of the anti-guinea pig IgG is determined prior to conjugation versus normal guinea pig serum and guinea pig IgG by immunoelectrophoresis (IEP).

Identity and purity of the antibody is established by immunoelectrophoresis, prior to conjugation. Electrophoresis of the antibody preparation followed by diffusion versus anti-rabbit IgG and anti-rabbit whole serum results in single arcs of precipitation.

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.

Precautions and Disclaimer

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

Storage

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

Note: Store product protected from light.

Product Profile

F/P Molar Ratio: 1.0-5.0

Direct immunofluorescence: a minimum working dilution of 1:16 was determined using guinea pig spleen cells.

Immunohistochemistry: a minimum working dilution of 1:160 was determined using formalin-fixed, paraffin-embedded human pancreas tissue and Guinea Pig Anti-Insulin, Catalog Number I8510, as the primary antibody.

Note: In order to obtain best results, it is recommended that each individual user determine their optimum working dilution by titration assays.

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