

# Product Information

## **Anti-Goat IgG (whole molecule)-TRITC** produced in rabbit, affinity isolated antibody

Catalog Number **T7028**

### **Product Description**

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

Specificity of the anti-goat IgG is determined prior to conjugation versus normal goat serum and goat 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 2-8 °C for up to 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 3.0 to 6.0

Direct immunofluorescence: a minimum working dilution of 1:100 was determined using human peripheral blood lymphocytes.

Immunohistochemistry: a minimum working dilution of 1:100 was determined using formalin-fixed, paraffin-embedded human tonsil sections and Anti-Human IgG 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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