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ProductInformation

Anti-Mouse IgG (g-chain specific)- Alkaline Phosphatase

Produced in Goat, Affinity Isolated Antibody

Product Number **A1047**

Product Description

Antiserum is developed in goat using purified mouse IgG as the immunogen. Affinity isolated antigen specific antibody is obtained from Goat anti-Mouse IgG antiserum by immunospecific purification which removes essentially all goat serum proteins, including immunoglobulins, which do not specifically bind to the γ -chain of mouse IgG. Goat anti-Mouse IgG is conjugated to Sigma Alkaline Phosphatase by protein cross-linking with 0.2% glutaraldehyde.¹

Reagent

The conjugate is provided as a solution in 0.05 M Tris buffer, pH 8.0, containing 1% BSA, 1 mM MgCl₂, with 0.02% sodium azide as a preservative.

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.

Storage/Stability

Store at 2-8 °C. **DO NOT FREEZE.**

Product Profile

Due to product improvement and changes in the assay procedure, we now list lot specific titer by direct ELISA for this product. Due to differences in assay systems, this titer may not reflect the user's actual working dilution.

Protein Concentration: 0.5 mg to 3.0 mg conjugate/mL

References

1. Avrameas, V., Immunochemistry, **6**, 43 (1969).
2. Voller, A., et al., Bulletin WHO, **53**, 55 (1976).

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