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ProductInformation

ANTI-MOUSE POLYVALENT IMMUNOGLOBULINS
(IgA, IgG and IgM)
Biotin Conjugate
Affinity Isolated Antigen Specific Antibodies
Antibodies Developed in Goats

Product Number **B 2016**

Product Description

Individual antisera to mouse IgA, IgG and IgM are developed in goats using purified immunoglobulins as the immunogens. Affinity isolated antigen specific antibodies are obtained from each antisera by immunospecific purification which removes essentially all goat serum proteins, including immunoglobulins, that do not specifically bind to the respective heavy chains. Each specific antibody is then conjugated to Sigma N-hydroxysuccinimidobiotin (Product No. H 1759) by a modification of the method of Bayer, et al.[1] The product is prepared by combining the conjugated antibodies to ensure consistant immuno-enzymatic activity for each immunoglobulin.

Reagents

The conjugate is provided as a solution in 0.01 M phosphate buffered saline, pH 7.4, containing 1% BSA with 0.1% 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

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.

References

1. Bayer, E.A., et al., Methods in Enzymology, **62**, 308 (1979).
2. Voller, A., et al., Bulletin WHO, **53**, 55 (1976).
3. Guedson, J.L., et al., J. Histochem. and Cytochem., **27**, 1131 (1979).

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