ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Mouse Serum IgG (>97%, ELISA/RIA/Diagnostic Grade; -ve mouse viruses & Azide & Protein A/G free)

Cat # 20008-1-WA-1 **Size:** □ 1 mg
Cat # 20008-1-WA-10 **Size:** □ 10 mg
Cat # 20008-1-WA-100 **Size:** □ 100 mg
Form: □ Lyophilized **Storage**: Store at -20oC

Description

A healthy non-immunized population of adult Mouse (mixed sex) was used to collect serum. The raw serum from which this product is made has been **tested negative for Lymphocytic Choriomeningitis** (LCMV), **Ectromclia Virus (mousepox) and Epizootic Hemorrhagic Fever Virus (EDIM).** Total IgG was prepared by ammonium sulfate, and column chromatography (Sephadex, and DEAE-ion exchange columns). The resulting preparation was judged to be >98% pure by IEP and SDS-Page. It is also free of Protein A/G since it was not used for the purification.

Form and Storage

The normal Mouse IgG is provided lyophilized in PBS pH 7.4 (amount of protein stated on the vial). **No azide or any other preservative added**. The powder product should be **stored at 4°C** for short term and –20oC for long term storage. It is stable for a minimum of 1 year. Do not store diluted solutions. Sodium azide, an inhibitor of peroxidase, must be avoided if used with antibody-HRP conjugates. The **lyophilized products** should be dissolved in PBS, pH 7.4 to prepare desired concentration by gentle rocking or vortexing at room temperature. Centrifuge the IgG solution briefly (10,000 g, 15 min) to remove any particulate matter. It should be aliquoted and stored frozen for long term use.

Suggested Uses

This preparation of normal Mouse IgG is suitable for flow cytometry. These preparations are especially useful as a co-precipitant in RIA methods employing polyethylene glycol or ammonium sulfate precipitation steps, as a heterophile blocker, or as a protein stabilizer or blocker in a number of immunoassays. Recommended testing concn. is approx. 5 ul test or 1 ug/test. Optimal concentration should be tested and adjusted if necessary. This preparation may be unsuitable for some cells and may give slightly higher background. Switching to another preparation from different Mouse or vendor may alleviate this problem.

This product is for in vitro research use only.

MSDS: A Material Safety Data Sheet is not required for this product. The product does not contain any hazardous components above 1% or any carcinogens above 0.1% as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard. The product contains natural purified proteins in a buffer containing 0.1% or less sodium azide. MSDS can be consulted for these items. Please note that although the product is defined as not hazardous, it is still advisable to follow prudent laboratory practices when handling laboratory reagents. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, diagnostic, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

Related Items available from ADI

Mouse IgG (total), IgG, IgM, IgE, IgA ELISA kits
Anti-Mouse IgG antibody detection ELISA kits
2nd antibodies to Mouse IgG and Isotype
20008-1-WA 1301016A

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