

Product Data Sheet

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**Mouse IgM (non-immune)**

**Cat #**            **20008-2**                    **Size:** 100 ug            **Form:** Liquid            Lyophilized

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**Description**

A healthy non-immunized population of mouse (Blab/c) was used to collect serum. **IgM** was prepared by ammonium sulfate, and column chromatography, and selective precipitation. The resulting preparation was judged to be >95% pure by IEP (single arc against anti-monkey serum) and SDS-Page.

**Form and Storage**

The normal mouse IgM is provided as 100 ug/100 ul (1 mg/ml) solution as liquid (0.1M Tris, 0.5M NaCl, pH 8.0 and 0.01% (w/v) sodium azide as preservative) or in lyophilized form. The 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 water (add 100 ul to prepare 100 ug/100 ul or 1 mg/ml) by gentle rocking or vortexing at room temperature. It is possible to make the stock solution in water to a desired stock solution (e.g., 0.5 mg/ml). Centrifuge the solution briefly (10,000 g, 15 min at 4oC) to remove any particulate matter. It should be aliquoted and stored frozen for long term use.

**Suggested Uses**

This preparation of normal mouse IgM is suitable for coating the ELISA plates or as a non-immune control for ELISA, dot blot, Western or IHC. Recommended testing concn. is approx. 1-10 ug/ml. It is, however, possible that this preparation may be unsuitable for some antigens or cell/tissue extracts and may give slightly higher background. Switching to another preparation from different monkey or vendor may alleviate this problem.

*This product is for in vitro research use only.*

**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.

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.

The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Upstate shall not be held liable for any damage resulting from handling or contact with the above product.

**Related Items available from ADI**

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Mouse IgG, IgM, IgA and isotype specific ELISA [Details of the antibodies, cat#, prices are posted at the web site.](#)

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