



Product Data Sheet

Normal/Control Rat IgG

Cat # 20005-1	Size: 1 mg	Form: Liquid	Lyophilized
Cat # 20005-5	Size: 5 mg	Form: Liquid	Lyophilized
Cat # 20005-10	Size: 10 mg	Form: Liquid	Lyophilized

Description

A healthy non-immunized population of Rat was used to collect serum. IgG was prepared by ammonium sulfate, and column chromatography (Sephadex, and DEAE-ion exchange columns). The resulting preparation was judged to be >95% pure by IEP and SDS-Page.

Form and Storage

The normal Rat IgG is provided as liquid (1 mg/ml in PBS pH 7.4 + 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 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 Rat IgG 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 mouse or vendor may alleviate this problem.

This product is for in vitro research use only.

Anti-rabbit IgG, Chicken, Mouse, Human IgG-HRP/AP Conjugates are also available.

MSDS

This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

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