

**Product Data Sheet**

**Cat#** 20021-1      **Size:**  100 ug      **Form:**  Liquid       Lyophilized      **Storage:** Store at -20oC

**Description**

A healthy non-immunized population of Ferrets 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 >80% pure by IEP.

**Form and Storage**

The normal Ferret 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.

The **lyophilized products** should be dissolved in PBS, pH 7.4 (1 mg/ml 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 Ferrets 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 Ferret or vendor may alleviate this problem. The purified IgG may have some residual Ferret IgM or IgA.

*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**

Catalog#	ProdDescription
20020-1	Ferret Serum IgG/IgM/IgA (Control, non-immune), semi-purified
20021-1	Ferret Serum IgG (Control, non-immune), semi-pure for ELISA
20022-1	Ferret Serum IgM (Control, non-immune), semi-pure for ELISA
20023-1	Ferret Serum IgA (Control, non-immune), semi-pure for ELISA
80188	Ferret Serum Antibody detection ELISA kit, Qualitative
80188-A	Ferret Serum antigen-specific IgA Antibody detection and titration ELISA kit
80188-G	Ferret Serum antigen-specific IgG Antibody detection and titration ELISA kit
80188-M	Ferret Serum antigen-specific IgM Antibody detection and titration ELISA kit
NFCS-1	Normal Ferret control (non-immunized) serum, Adult mixed sex
NFCS-5	Normal Ferret control (non-immunized) serum, Adult mixed sex
70510	Anti-Ferret IgG (H+L), unlabeled
70511	Anti-Ferret IgG (H+L)-HRP conjugate
70519	Anti-Ferret IgA (alpha), unlabeled
70520	Anti-Ferret IgA (alpha)-HRP conjugate
70529	Anti-Ferret IgG (gamma), unlabeled
70529-BTN	Anti-Ferret IgG (gamma)-biotin conjugate
70530	Anti-Ferret IgG (gamma)-HRP conjugate
70539	Anti-Ferret IgM (mu), unlabeled
70540	Anti-Ferret IgM (mu)-HRP conjugate

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