

Product Data Sheet

Horse IgG (Equine, Whole IgG, control, non-immune), purified

Cat# 20019-1

Size: 1 mg

Form: Liquid

Lyophilized

Storage: Store at 4⁰C

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

Form and Storage

The normal IgG is provided as liquid see lot sp concn on the vial) in PBS pH 7.4 + sodium azide as preservative; see lot specific concn on the vials) or lyophilized in the same buffer. The product should be **stored at 4°C** for short term and -20°C 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 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 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 Monkeys or vendor may alleviate this problem.

This product is for in vitro research use only.

MSDS:

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
20019-1	Horse IgG (Equine, Whole IgG, control, non-immune), purified
20019-2	Horse IgM (Equine, Whole IgM, control, non-immune), purified
20019-2-B	Horse IgM (Equine, Whole IgM, control, non-immune)-biotinylated, purified
20019-3-100	Horse IgA (Equine, control, non-immune), purified
20019-B	Horse IgG (Equine, Whole IgG, control, non-immune)-biotinylated, purified
20019-F	Horse IgG (Equine, Whole IgG, control, non-immune)-FITC Conjugate
20019-HP	Horse IgG (Equine, Whole IgG, control, non-immune)-HRP Conjugate
7710-Fab	Horse Fab2 ELISA Kit, 96 tests, Quantitative
7715-Fc	Horse IgG-Fc ELISA Kit, 96 tests, Quantitative
7720	Horse IgA ELISA Kit, 96 tests, Quantitative
7730	Horse IgG ELISA Kit, 96 tests, Quantitative
7740	Horse IgM ELISA Kit, 96 tests, Quantitative
7750	Horse IgE ELISA Kit, 96 tests, Quantitative
80173	Horse Serum Antibody detection ELISA kit, Qualitative
20019-1	140616A

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