



Product Data Sheet

Normal/Pre-immune Control Bovine Serum

Cat#	GC-NBOS-10	Size:	10 ml	Form:	Liquid	Lyophilized
Cat#	GC-NBOS-100	Size:	100 ml	Form:	Liquid	Lyophilized
Cat#	GC-NBOS-500	Size:	500 ml	Form:	Liquid	Lyophilized

Description

Bovine whole blood is collected from healthy animals (mixed breed either sex = 1 yr old). The blood is refrigerated within 6 hours and processed within 24 hours to collect serum and frozen at -20°C. Unless species otherwise, this preparation is not sterile.

Form and Storage

Normal Bovine serum is provided as liquid and 0.1% sodium azide as preservative or in lyophilized form. 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.

The **lyophilized products** should be dissolved in PBS, pH 7.4 in original volume of serum (1, 10, 100, 500mls) to bring it to original volume. Mix gently for 15-20 min at room temperature. Centrifuge the solution briefly (10,000 g, 15 min) to remove any floating lipids or particulate matter. It should be aliquoted and stored frozen for long term use.

Suggested Uses

This preparation of normal Bovine serum is suitable for blocking in a given immunoassay or to serve as non-immune serum control for various primary antiserum. It may not be an ideal negative control for all primary antibodies as it is preferred to use the serum from the same Bovine before any immunization. Control Bovine serum should be diluted the same way as the primary antiserum. It may also be used to pre-treat the antibody beads during the immunoprecipitation to suppress non-specific adsorption of primary antibodies. Another use could be to use it as -ve control in ELISA for various primary antibodies, for which no pre-immune is available.

This product is for in vitro research use only.

USDA Certification: All animals are obtained from US sources and derived from USDA inspected and healthy stock.

A Material Safety Data Sheet is not required for this product.

The above product contain natural purified proteins in a buffer containing 0.02% sodium merthiolate or 0.05% azide. MSDS can be consulted for these two items. 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. GSI shall not be held liable for any damage resulting from handling or contact with the above product.

Bovine IgG, IgM, anti-Bovine IgG and HRP, AP conjugates available.

Bovine IgG, IgM ELISA kit available;

Bovine IgG, IgM, IgA purified proteins



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GC-NBOS-10, -100, -500

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