

Product Data Sheet

Normal Alpaca serum (non-immunized, control, adult mixed sex)

Cat# NAPS-1

Size: 1 ml

Form: Liquid

Lyophilized



An alpaca (*Vicugna pacos*) is a domesticated species of South American camelid. It resembles a small llama in appearance.

Alpacas are kept in herds that graze on the level heights of the Andes of southern Peru, northern Bolivia, Ecuador, and northern Chile at an altitude of 3,500 m (11,500 ft) to 5,000 m (16,000 ft) above sea level,

throughout the year. Alpacas are considerably smaller than llamas, and unlike llamas, they were not bred to be beasts of burden, but were bred specifically for their fiber. Alpaca fiber is used for making knitted and woven items, similar to wool. These items include blankets, sweaters, hats, gloves, scarves, a wide variety of textiles and ponchos in South America, and sweaters, socks, coats and bedding in other parts of the world. The fiber comes in more than 52 natural colors as classified in Peru, 12 as classified in Australia and 16 as classified in the United States.

A Donor population of adult Alpaca (non-immunized, Adult mixed sex) is used to collect serum. Unless specified otherwise, this preparation is not sterile.

Form and Storage

Normal Alpaca 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 water in original volume of serum 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 serum is suitable for blocking in a given immunoassay or to serve as non-immune serum control for various primary antiserum. Control Alpaca 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.

Reference: <https://en.wikipedia.org/wiki/Alpaca>

This product is for in vitro research use only.

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

The above product contain natural purified proteins in a buffer containing 0.1% 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.

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Related Material available for ADI

Catalog# Description

20032-1 Alpaca IgG (Control, non-immune, isotype control, ELISA grade)

NAPS-1 Normal Alpaca serum (non-immunized, control, adult mixed sex)

NAPS-1-Alpaca-Serum

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