

Product Data Sheet

**Normal Bovine Plasma (sterile, Citrated), Adult, mixed sexes**

**Cat#** NBOP-100

**Size:** □ 100 ml

**Form:** □ Liquid

**Description**

A healthy non-immunized population of bovine (Adult, mixed sex) were used to collect plasma (sodium citrate as anti-coagulant). It is sterile filtered (0.22 u) solution.

**Source**

All source material is derived from USDA-approved animal facilities of USA origin. At no time during processing that this material comingles with other animals.

**Biochemical Analyses**

Hemoglobin	<2 mg/dL
Total protein	8 g/dL
pH	8.03
osmolality	349 mOsm/kg
Filtration	0.2 um
Bacteria	none detected
Fungi	none detected

**Form and Storage**

The product should be **stored at 4oC** for short term and **-20oC** for long term storage. It is stable for a minimum of 1 year.

**Shipping**

Generally shipped at 4oC in cold paks or frozen in dry ice upon request. Store at -20oC upon arrival.

**Suggested Uses**

This preparation of normal bovine plasma is suitable for controls or as samples 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 animal before any immunization. Control animal plasma 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.

Bovine plasma is also used for cell culture applications.

*This product is for in vitro research use only.*

**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. 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.

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