Purified Bovine IgG

Catalog No. P10-115
Lot No. P10-115-6

AMOUNT	10 ml
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 2 years from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.1% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Purified normal bovine IgG is isolated from bovine serum using fractionation and DEAE chromatography. Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. By immunoelectrophoresis the IgG was shown to 1) react with antiserum specific for bovine IgG and the bovine subclasses IgG1 and IgG2, 2) not react with antiserum specific for IgA or IgM, and 3) produce a single precipitin arc with antiserum against bovine serum identical to that produced with anti-IgG antisera. By ELISA, the IgG contained less than 1% IgA and IgM.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
APPLICATION NOTES	Used as a positive control in immunoassays.
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: January 5, 2023

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