

Purified Bovine IgG

Polyclonal

Catalog No. P10-315

Lot No. P10-315-6

AMOUNT 20 ml

CONCENTRATION 5 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 <https://www.fortislife.com/p/P10-315>
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: February 13, 2023