

Purified Human IgG–Fc Fragment

Polyclonal

Catalog No. P80-104
Lot No. P80-104-41



SPECIES REACTIVITY Human
AMOUNT 1 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 0.09% Sodium Azide
ORIGIN USA

PRODUCTION PROCEDURES Purified normal human IgG is isolated using fractionation and DEAE chromatography. Fc fragments were produced by papain digestion and affinity 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 human IgG–Fc, 2) not react with antiserum specific for IgA, IgM, kappa or lambda chain and 3) produce a single precipitin arc with antiserum against human serum identical to that produced with anti–IgG–Fc.

By ELISA the IgG contains less than 0.1% of the other immunoglobulin classes and light chains kappa and lambda.

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.

Serum or plasma from donor has been tested and found negative for HIV–1 antigen, antibodies for HIV and HCV, and non–reactive for HBsAg, HIV–1 RNA, and HCV RNA. Not tested for Anti–HBc. **HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS.**

ADDITIONAL INFO <https://www.bethyl.com/product/P80-104>

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.
Brian McWilliams, PhD Date: July 26, 2021