

# Human IgG-Fc Fragment

Polyclonal

Purified

Catalog No. P80-104

Lot No. 260312

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>AMOUNT</b>                | 1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>CONCENTRATION</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8°C / 2 years from date of receipt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>PHYSICAL STATE</b>        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>BUFFER</b>                | Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ORIGIN</b>                | USA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>PRODUCTION PROCEDURES</b> | <p>Purified normal human IgG is isolated using fractionation and DEAE chromatography. Fc fragments were produced by papain digestion and affinity chromatography.</p> <p>Protein concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.</p> <p>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.</p> <p>By ELISA the IgG contains less than 1% of the other immunoglobulin classes and light chains kappa and lambda.</p> |
| <b>APPLICATIONS</b>          | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>APPLICATION NOTES</b>     | <p>Used as a positive control in immunoassays.</p> <p>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 AntiHBc. <b>HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS.</b></p>                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ADDITIONAL INFO</b>       | 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: March 12, 2026