

# Human IgA

Polyclonal

Purified

Catalog No. P80-102

Lot No. 250923

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 IgA is isolated using fractionation and specific affinity chromatography.</p> <p>Protein concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.</p> <p>By immunoelectrophoresis the IgA was shown to 1) react with antiserum specific for human IgA, 2) not react with antiserum specific for IgG, IgM and 3) produce a single precipitin arc with antiserum against human serum identical to that produced with anti-IgA.</p> <p>By ELISA the IgA contains less than 1% of the other immunoglobulin classes.</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. HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS.</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: October 10, 2025