Human IgG/Kappa

Polyclonal

Purified

Catalog No. P80-111

Lot No. 260828

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 0.1% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Purified normal human IgG is isolated using fractionation and DEAE chromatography. IgG with kappa chains was purified using affinity chromatography. Protein concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. By immunoelectrophoresis the IgG/kappa was shown to 1) react with antiserum specific for human IgG-Fc and kappa chains, 2) not react with antiserum specific for IgA, IgM or lambda chain and 3) produce a single precipitin arc with antiserum against human serum identical to that produced with anti-IgG. By ELISA the IgG/kappa contains less than 1% of IgA, IgM 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 AntiHBc. HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS.
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.

Date: September 11, 2026

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