

Purified Human IgG/Kappa



Catalog No. P80-111
Lot No. P80-111-4

SPECIES REACTIVITY	Human
AMOUNT	1 ml at 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 by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

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 0.1% 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 Anti-HBc. HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS.

ADDITIONAL INFO <https://www.bethyl.com/product/P80-111>
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.

Eric McIntush, PhD | Chief Scientific Officer

Date: November 29, 2018