

# Purified Human IgG, F(ab')<sub>2</sub> Kappa



Catalog No. P80-130  
Lot No. P80-130-1

<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	1 ml at 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>	Purified normal human F(ab') <sub>2</sub> Kappa was prepared from purified IgG using pepsin digestion and affinity chromatography.

Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of F(ab')<sub>2</sub> Kappa.

By immunoelectrophoresis the F(ab')<sub>2</sub> Kappa was shown to 1) react with antiserum specific for human Kappa light chains, 2) not react with antiserum specific for IgG-Fc or lambda light chain and 3) produce a single precipitin arc with antiserum against human serum identical to that produced with anti-kappa.

By ELISA the F(ab')<sub>2</sub> Kappa contains less than 0.1% of IgG, 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/P80-130>  
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

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