

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



Catalog No. P80-131  
Lot No. P80-131-1

<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> Lambda 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> Lambda.

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

By ELISA the F(ab')<sub>2</sub> Lambda contains less than 0.1% of IgG, IgA, IgM and Kappa.

**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/P80-131>  
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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