Purified Human IgG/Lambda

Catalog No. P80-112

Lot No. P80-112-5



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 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Purified normal human IgG is isolated using fractionation and DEAE chromatography. IgG with lambda 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/lambda was shown to 1) react with antiserum specific for human IgG-Fc and lambda chains, 2) not react with antiserum specific for IgA, IgM or kappa chain and 3) produce a single precipitin arc with antiserum against human serum identical to that produced with anti-IgG.
	By ELISA the IgG/lambda contains less than 0.1% of 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/P80-112 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 OfficerDate: November 29, 2018

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.