

# Purified Bovine IgG1



Catalog No. P10-116  
Lot No. P10-116-5

<b>SPECIES REACTIVITY</b>	Bovine
<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>	<p>Purified normal bovine IgG1 is isolated using salt fractionation and DEAE chromatography.</p> <p>Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> <p>By immunoelectrophoresis the IgG1 was shown to 1) react with antiserum specific for bovine IgG1, 2) not react with antiserum specific for IgA, IgM or IgG2 and 3) produce a single precipitin arc with antiserum against bovine serum identical to that produced with anti-IgG1 antisera.</p> <p>By ELISA the IgG1 contained less than 1% IgG2, IgA and IgM.</p>
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
<b>APPLICATION NOTES</b>	Used as a positive control in immunoassays.
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/P10-116">https://www.bethyl.com/product/P10-116</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

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