

## Product Information

<b>Catalog Number:</b>	001-030-003
<b>Product:</b>	Peroxidase-ChromPure Bovine IgG, whole molecule
<b>Physical State:</b>	Freeze-dried solid
<b>Size:</b>	1.0 mg (This product has been overfilled to ensure total recovery of stated quantity.)
<b>IgG Concentration:</b>	1.0 mg/ml
<b>Peroxidase:</b>	Purified from horseradish root
<b>Buffer:</b>	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
<b>Stabilizer:</b>	15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
<b>Preservative:</b>	None (Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.)
<b>Purity:</b>	Based on immunoelectrophoresis at an antigen concentration of 20 mg/ml, the pattern of precipitation against anti-bovine whole serum is the same as that against anti-bovine IgG, Fc fragment specific.
<b>Reconstitution and Storage:</b>	<p>Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 0.55 ml dH<sub>2</sub>O and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, aliquot and freeze at -70°C or below. Avoid repeated freezing and thawing. Alternatively, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half.</p> <p>Expiration date: one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.</p> <p>(Warning: Confirm that glycerol is ACS grade or better before adding to this product. Lower grades of glycerol may seriously inhibit peroxidase enzyme activity.)</p>
<b>Safety Information:</b>	This product contains no substances considered to be hazardous to health. Although the product is classified as non-hazardous, Standard Laboratory Practices should be followed when handling this material.

**Note:** This information sheet contains general product information only. For detailed lot specific information consult the vial label and the data sheet supplied by the manufacturer upon delivery of the product.

**This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.**

### Manufacturer:

Jackson ImmunoResearch Laboratories, Inc.  
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### Distribution and Support:

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