

Product Information

Catalog Number:	012-030-003
Product:	Peroxidase-ChromPure Rat IgG, whole molecule
Physical State:	Freeze-dried solid
Size:	1.0 mg (This product has been overfilled to ensure total recovery of stated quantity.)
IgG Concentration:	1.0 mg/ml
Peroxidase:	Purified from horseradish root
Buffer:	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
Stabilizer:	15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
Preservative:	None (Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.)
Purity:	Based on immunoelectrophoresis at an antigen concentration of 20 mg/ml, the pattern of precipitation against anti-rat whole serum is the same as that against anti-rat IgG, Fc fragment specific. No precipitin line was detected against anti-rat IgA, α chain specific or anti-rat IgM, μ chain specific.
Reconstitution and Storage:	Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 1.1 ml dH ₂ 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. Expiration date: one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use. (Warning: Confirm that glycerol is ACS grade or better before adding to this product. Lower grades of glycerol may seriously inhibit peroxidase enzyme activity.)
Safety Information:	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:

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