



3050 Spruce Street
Saint Louis, Missouri 63103 USA
Telephone 800-325-5832 • (314) 771-5765
Fax (314) 286-7828
email: techserv@sial.com
sigma-aldrich.com

Product Information

**Anti-Rat IgG (whole molecule)
Developed in Rabbit
Delipidized Whole Antiserum**

Product No. **R 5381**

Product Description

Anti-Rat IgG is developed in rabbit using rat IgG isolated from normal rat serum as the immunogen. The antiserum has been treated to remove lipoproteins. Rabbit Anti-Rat IgG is supplied as a liquid containing 0.1% sodium azide (see MSDS)* as preservative.

The antiserum is determined to be immunospecific for rat IgG by immunoelectrophoresis (IEP) versus normal rat serum and purified rat IgG.

Identity and purity of the specific antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antiserum followed by diffusion versus anti-rabbit serum and anti-rabbit IgG results in multiple precipitation arcs against the anti-rabbit serum and a single arc of precipitation in the gamma region against the anti-rabbit IgG.

Precautions and Disclaimer

Sodium Azide is considered highly toxic and highly reactive under certain conditions. Read the Material Safety Data Sheet carefully before use.

Product Profile

Protein Concentration is determined by Biuret.

Each milliliter of antiserum contains 2.8-4.2mg of specific antibody. Normal rat serum is used to determine the antibody concentration by a quantitative precipitation assay.

Storage

For continuous use, store at 2-8 °C. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in "frost-free" freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Pcs5/00

Sigma brand products are sold through Sigma-Aldrich, Inc.
Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications.
Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.
Please see reverse side of the invoice or packing slip.