

Product datasheet for **RA074**

Normal Rabbit IgG Rabbit Protein

Product data:

Product Type:	Native Proteins
Description:	Normal Rabbit IgG rabbit protein, 0.5 mg
Species:	Rabbit
Protein Source:	Serum
Concentration:	lot specific
Buffer:	Presentation State: Low Endotoxin State: Liquid (aseptically filled) Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, without preservative.
Endotoxin:	< 10 pg/μl by LAL method
Preparation:	Liquid (aseptically filled)
Applications:	Low Endotoxin Control Rabbit IgG can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.
Protein Description:	This is an IgG preparation of whole rabbit serum purified by protein A chromatography using a low endotoxin methodology.
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.



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