

RA074**Rabbit Normal Rabbit IgG - Low Endotoxin**

Quantity:	0.5 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm, E0.1% of 1.43)
Background:	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 compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-afinity 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.
Species:	Rabbit
Source:	Serum, Rabbit Serum
Format:	State: Liquid (aseptically filled) Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, without preservative. Endotoxin Level: < 10 pg/μl by LAL method
Applications:	Low Endotoxin Control Rabbit IgG can be utilized as a control or standard reagent in Western Blotting and ELISA experiments. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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. Shelf life: one year from despatch.