

Low Endotoxin Control Rabbit IgG

Catalog # ASR1032

Specification

Low Endotoxin Control Rabbit IgG - Product Information

Description Conjugate **Physical State**

Buffer

Species of Origin

LOW ENDOTOXIN CONTROL RABBIT IgG

Unconjugated

Liquid (sterile filtered)

0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2

Rabbit

Low Endotoxin Control Rabbit IgG - Additional Information

Shipping Condition

Dry Ice

Purity

Low Endotoxin Control Rabbit IgG is an IgG preparation of whole rabbit serum purified by protein A chromatography using a low endotoxin methodology.

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Low Endotoxin Control Rabbit IgG is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

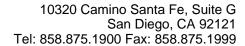
Low Endotoxin Control Rabbit IgG - Protein Information

Low Endotoxin Control Rabbit IgG - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Low Endotoxin Control Rabbit IgG - Images





Low Endotoxin Control Rabbit IgG - 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 $\lg G$ molecule possesses both the F(c) region, recognized by high-afinity F(c) 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.