SouthernBiotech

Human IgAκ Isotype Control

Cat. No.	Form	Quantity
0155K-01	Purified (UNLB) IgA	0.5 mg
0155K-04	Alkaline Phosphatase (AP) Conjugate	1.0 mL
0155K-05	Horseradish Peroxidase (HRP) Conjugate	1.0 mL

DESCRIPTION

Source: Myeloma serum
Isotype: IgAκ
Purification: Ion exchange chromotography
Purity: >95% as judged by SDS-polyacrylamide gel electrophoresis.

CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested by ELISA and immunoelectrophoresis to conform with characteristics of a standard reference reagent. In accordance with current Good Manufacturing and Good Laboratory Practices (cGMP/cGLP), any protein of human blood origin should be handled pursuant to your organization's documented safety procedures and as if it is capable of transmitting infection. This product has **NOT** been tested for viral, bacterial, or other infectious agents such as, but not limited to, HIV, HbsAg, HCV.

RESEARCH APPLICATIONS

- Enzyme-Linked-Immunosorbent-Assay (ELISA)
- SDS-PAGE and immunoblotting

WORKING DILUTIONS

Optimal dilutions for use of this product vary according to specific applications and should be determined by the individual investigator.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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HANDLING AND STORAGE

- The purified (UNLB) IgA is provided at a concentration of 0.5 mg/mL in 1.0 mL of 100 mM borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* The human IgA solution has been centrifuged and passed through a 0.22 µ filter, and is free of any visible precipitate. The product should be stored at 2-8°C and is stable for the period shown on the label if stored as directed.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50mM Tris/1mM $MgCl_2$/50% Glycerol, pH 8.0, containing 0.1% NaN_3 as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.

WARNING

Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.