



CELL LAB Human IgG Isotype Control

Cat. No.	Form	Quantity
731696	Purified (UNLB) IgG	0.5 mg
731697	Alkaline Phosphatase (AP) Conjugate	1.0 mL
731698	Horseradish Peroxidase (HRP) Conjugate	1.0 mL

For Research Use Only. Not for use in diagnostic procedures.

DESCRIPTION

Source: Pooled normal human sera
Isotype: IgG
Purification: Affinity chromatography on protein G covalently linked to agarose
Purity: >95% as judged by SDS-polyacrylamide gel electrophoresis (PAGE)

APPLICATIONS

- Enzyme-Linked Immunosorbent Assay (ELISA)
- SDS-PAGE
- Immunoblotting

CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using ELISA and immunoelectrophoresis.

WORKING DILUTIONS

Other Applications: Since applications vary, determine the optimum working dilution of the product that is appropriate for your specific needs.

HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.0. No preservatives or amine-containing buffer salts added.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl₂/50% Glycerol, pH 8.0, containing 0.1% NaN₃ as preservative.
- 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.
- Reagent is stable until the expiration date on the vial when stored at 2-8°C.

STATEMENT OF WARNINGS

1. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
2. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
3. Do not use reagent beyond the expiration date on the vial label.
4. Avoid microbial contamination of reagent or erroneous results may occur.
5. Use Good Laboratory Practice (GLP) when handling this reagent.

6. One or more components of this product are derived from human origin. Handle these products as potentially infectious according to universal precautions and good laboratory practices, regardless of their origin, treatment, or prior certification. Use an appropriate disinfectant for decontamination. Store and dispose of these materials and their containers in accordance with local regulations and guidelines.¹
7. Contains sodium azide. Sodium azide under acidic conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, immediately wash excessively with water.

REFERENCES

1. HHS Publication No 93-8395, 3rd ed., May 1993, Biosafety in Microbiological and Biomedical Laboratories. Washington, DC: U.S. Government Printing Office.

TRADEMARKS

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