



## CELL LAB Human IgG1- $\kappa$ Isotype Control

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731699	Purified (UNLB) IgG	0.5 mg

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

### DESCRIPTION

**Source:** Myeloma serum  
**Isotype:** IgG1 $\kappa$   
**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

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

### HANDLING AND STORAGE

- The purified (UNLB) IgG is provided at a concentration of 0.5 mg/mL in 1.0 mL of 100 mM borate buffered saline, pH 8.0. No preservatives or amine-containing buffer salts added. The human IgG solution has been centrifuged and passed through a 0.22  $\mu$ m filter, and is free of any visible precipitate.
- 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.<sup>1</sup>

## REFERENCES

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

## TRADEMARKS

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For additional information or if damaged product is received, contact your local Beckman Coulter Representative.



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