



# Chicken Immunoglobulin G [Biotin] (DAG2449)

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

## PRODUCT INFORMATION

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|-------------------------|---|
| <b>Product Overview</b> | Recombinant E.coli Chicken Immunoglobulin G Protein, fused to Biotin  |
| <b>Species</b>          | Chicken   |
| <b>Conjugate</b>        | Biotin  |
| <b>Concentration</b>    | Lyoph   |
| <b>Size</b>             | 1 mg  |
| <b>Buffer</b>           | Potassium Phosphate, 0.15 M Sodium Chloride pH 7.2 Restore with 1.0 mL of deionized water (or equivalent).Restore with 1.0 mL of deionized water (or equivalent). |
| <b>Preservative</b>     | 0.01% Sodium Azide  |
| <b>Storage</b>          | 2-8°C short term, -20°C long term   |

## BACKGROUND

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|---------------------|---|
| <b>Introduction</b> | Immunoglobulin G (IgG) is an antibody isotype. It is a protein complex composed of four peptide chains—two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. |
| <b>Keywords</b>     | Ig gamma-2 chain C region antibody; immunoglobulin Gm2; immunoglobulin heavy constant gamma 2 (G2m marker); immunoglobulin heavy constant, gamma 2; IgG2; Immunoglobulin G2; IgG2y; Immunoglobulin G2y; IgG2 heavy chain, Immunoglobulin G2 heavy chain; IgG2yh   |