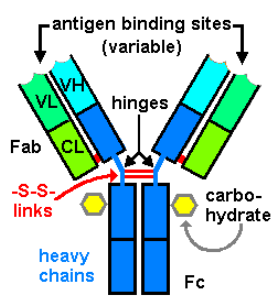


Chicken Anti-Rabbit IgG Antibodies and conjugates

Cat# 20320-500	Chicken Anti-Rabbit IgG-HRP conjugate	Size: 0.5 ml
Cat# 20320-500-UL	Chicken Anti-Rabbit IgG, aff pure, unlabeled	Size: 500 ug



Immunoglobulin G (IgG)

Immunoglobulin G (IgG) is a type of antibody. 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. IgG has molecular weight of approximately 150 kDa, heavy or H chain approximately 50 kDa and light or L chain 25 kDa. Each

IgG has two antigen binding sites. Representing approximately 75% of serum antibodies in humans, IgG is the most common type of antibody found in the circulation.

Chicken were immunized with antigen grade **Rabbit IgG**. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography to remove non-specific antibodies. Specificity of antibody has been tested using IEP, immunodiffusion, and ELISA. The product reacts with Rabbit IgG, IgA and IgM with no significant reactivity with other serum proteins. The antibody may recognize another species IgG (H+L or IgA, IgG, IgM etc)). Purified anti-Rabbit IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

Form and Storage

Cat# 20320-500-UL, Anti-Rabbit IgG, unlabeled

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** or **liquid** form (lot specific concn on the vial). Reconstitute powder in PBS in 1.0 ml to prepare 1 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Cat# 20320-500, Anti-Rabbit IgG-HRP-conjugate

Purified antibody was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% proclin-300 as preservative in either **lyophilized** (1 ml) or **liquid** form (0.5-1 mg/ml). Reconstitute powder in PBS in 1 ml. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 1:200-1:1000 (IHC).

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions.

Working solution should be prepared immediately before use and diluted solution should be discarded.

This product is for in vitro research use only.

Related Material available for ADI

Rabbit IgG, IgM ELISA kits

Anti-Rabbit IgG (H+L), IgG, IgG (H+L), IgG (H+L) antibodies and conjugates

ELISA kits for the detection of Rabbit Antibodies

Western blot recycling kit (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

20320-500-Chicken-anti-Rabbit-IgG
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