

Product Data Sheet

**Goat Anti-Raccoon (Cervid) IgG Antibodies and conjugates**

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|----------------------|--|---------------------|
| <b>Cat#</b> 30813-A  | Goat Anti-Raccoon IgG (H+L), unlabeled       | <b>Size:</b> 500 ul |
| <b>Cat#</b> 30813-HP | Goat Anti-Raccoon IgG (H+L) HRP conjugate    | <b>Size:</b> 500 ul |
| <b>Cat#</b> 30813-BT | Goat Anti-Raccoon IgG (H+L)-Biotin conjugate | <b>Size:</b> 500 ul |

Goats were immunized with antigen grade **Raccoon IgG (H+L)**. 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 Raccoon IgG, IgA and IgM with no significant reactivity with other serum proteins. The antibody also recognize other related species IgGs. Purified anti-Raccoon IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

**Form and Storage**

**Cat# 30813-A, Anti-Raccoon IgG (Cervid), unlabeled**

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **liquid** form or lyophilized in the same buffer. Reconstitute powder in PBS in 0.5 ml to prepare stock solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Use anti-Goat IgG or conjugates as secondary antibodies.

**Cat# 30813-HP, Anti-Raccoon IgG (Cervid) 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 **liquid** or **lyophilized** or form (or see lot sp. conc on the vial). Reconstitute powder in PBS to prepare stock solutions. 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, 1:1000-1:5000 for western, and 1:200-1:1000 (IHC).

**Cat# 30813-BT, Anti-Raccoon IgG (Cervid) IgG-Biotin-conjugate**

Purified antibody was coupled to Biotin using Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) at F/P ratio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** or **liquid** form (see lot sp. conc on the vial). Reconstitute powder in PBS in 0.1 ml to prepare stock solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:5,000-1:30,000 ELISA, 1:2K-1:10K for western.

**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.

**Related Material available for ADI**

| Catalog# | ProdDescription  |
|----------|--|
| 30811-A  | Anti-Deer IgG/Y (H+L chain) (Cervid family: Raccoon, Elk, Moose) unconjugated, aff pure IgG, |
| 30811-BT | Anti-Deer IgG/Y (H+L chain) (Cervid family: Raccoon, Elk, Moose)-Biotin Conjugate            |
| 30811-HP | Anti-Deer IgG/Y (H+L chain) (Cervid family: Raccoon, Elk, Moose)-HRP Conjugate               |
| 30813-A  | Anti-Raccoon IgG (H+L chain) IgG unconjugated, aff pure                                      |
| 30813-HP | Anti-Raccoon IgG (H+L chain) IgG-HRP conjugate   |
| 30814-A  | Anti-Alligator IgG (H+L chain) IgG unconjugated, aff pure                                    |
| 30814-HP | Anti-Alligator IgG (H+L chain) IgG-HRP Conjugate   |
| 30815-A  | Anti-Opossum IgG (H+L chain) IgG, unconjugated, aff pure                                     |
| 30815-HP | Anti-Opossum IgG (H+L chain) IgG-HRP Conjugate   |
| 30816-A  | Anti-Bat IgG (H+L chain) IgG, unconjugated, aff pure   |
| 30816-HP | Anti-Bat IgG (H+L chain) IgG-HRP Conjugate   |
| 30817-A  | Anti-Llama IgG (H+L chain) IgG, unconjugated, aff pure                                       |
| 30817-HP | Anti-Llama IgG (H+L chain) IgG-HRP Conjugate   |
| 30818-A  | Anti-Macaw IgG (H+L chain) IgG, unconjugated, aff pure                                       |
| 30818-HP | Anti-Macaw IgG (H+L chain) IgG-HRP Conjugate   |
| 30819-A  | Anti-White whale IgG (H+L chain) IgG, unconjugated,  |
| 30819-HP | Anti-White whale IgG (H+L chain) IgG-HRP conjugate   |
| 30820-A  | Anti-Dolphin (Bottlenose) IgG (H+L chain) IgG,   |
| 30820-HP | Anti-Dolphin (Bottlenose) IgG (H+L chain) IgG-HRP  |
| 30821-A  | Anti-Dog IgG (Gray Fox/red fox/coyote) IgG, aff pure,  |
| 30821-HP | Anti-Dog IgG (Gray Fox/red fox/coyote) IgG-HRP Conjugate                                     |

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

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