Goat Anti-Bovine IgG(H+L)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6030-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6030-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
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<tr>
<td>6030-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6030-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6030-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
</tbody>
</table>

**Description**

**Specificity**
Reacts with the heavy and light chains of bovine IgG

**Source**
Pooled antisera from goats hyperimmunized with bovine IgG

**Cross Adsorption**
None; may react with immunoglobulins from other species and the light chains of other bovine immunoglobulins

**Purification**
Affinity chromatography on bovine IgG covalently linked to agarose

**Applications**

Quality tested applications include –
- ELISA ¹,²,³,⁴,⁵,⁶,⁷
- FLISA

Other referenced applications include –
- FC ⁷,⁸
- ICC ⁶,⁸
- IP ⁹
- WB ²,¹⁰
- Purification ¹
- SPR ¹¹

**Working Dilutions**

**ELISA**
- AP conjugate 1:2,000 – 1:4,000
- HRP conjugate 1:4,000 – 1:8,000
- BIOT conjugate 1:5,000 – 1:20,000

**FLISA**
- FITC conjugate 1:200 – 1:400

**Other Applications**
Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.
Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 1.0 mg in 1.0 mL PBS/NaN₃. Store at 2-8°C.
- 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 NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- 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. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific (M)SDS.

References

10. Odunuga OO, Shazhko A. Ammonium sulfate precipitation combined with liquid chromatography is sufficient for purification of bovine serum albumin that is suitable for most routine laboratory applications. Bio Chem Comp. 2013; 1:3 http://dx.doi.org/10.7243/2052-9341-1-3. (WB)