Goat Anti-Equine IgG(H+L)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6040-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6040-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6040-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6040-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6040-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6040-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

**Description**

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

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

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

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

**Applications**

Quality tested applications include –
ELISA ¹⁻³
FLISA

Other referenced applications include –
FC ⁴⁻⁵
ICC ⁶
WB ⁷⁻¹⁰

**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
- PE conjugate ≤ 1 μg/mL

**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.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- 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

7. van 't Veer C, Mann KG. Regulation of tissue factor initiated thrombin generation by the stoichiometric inhibitors tissue factor pathway inhibitor, antithrombin-III, and heparin cofactor-II. J Biol Chem. 1997;272:4367-77. (WB)