Human IgG₁κ Isotype Control

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0151K-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0151K-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>0151K-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>0151K-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0151K-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

**Description**

**Isotype**: Human IgG₁κ  
**Source**: Human myeloma serum

**Applications**

Quality tested applications include –  
ELISA ¹,²  
FLISA

Other referenced applications include –  
FC ⁵  
IP ³  
*In vitro* control ⁴  
*In vivo* control ¹  
SPR ¹

**Working Dilutions**

**ELISA**  
Purified (UNLB) antibody  
≤ 2 µg/mL  
AP and HRP conjugates  
1:500 – 1:2,000

**FLISA**  
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) IgG is provided at a concentration of 0.5 mg/mL 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 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 R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Aliquot and store at or below -20°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.
- If turbidity occurs, clarify the solution by centrifugation prior to use.

Warning

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

References


In accordance with current Good Manufacturing and Good Laboratory Practices (cGMP/cGLP), any protein of human blood origin should be handled pursuant to your organization’s documented safety procedures and as if it is capable of transmitting infection. This product has NOT been tested for viral, bacterial, or other infectious agents such as, but not limited to, HIV, HbsAg, and HCV.