

# Enhanced PLUS Streptavidin-HRP

## LABELS &amp; CONJUGATES

**Streptavidin, poly-HRP linker**

Cat. No. 7000

**Product Characteristics**

Enhanced PLUS Streptavidin-HRP is a HRP-conjugate specific for biotinylated antibodies and is characterized by an enhanced molar ratio of 80-110 HRP enzymes covalently coupled to a polymer backbone. Enhanced PLUS Streptavidin-HRP conjugate enables an up to 8-fold increase in sensitivity in ELISA compared to conventional conjugates and offers pg/fg sensitivity levels. The conjugate offers several advantages when limited amounts of antibody or antigen are available:

- Signal amplification
- Ultrasensitive detection
- Faster assay time
- Recommended when only minimal amounts of specific antibody or antigen are available
- Can be used with any biotin labeled probe

**Composition and Properties**

<b>Specificity</b>	: Biotinylated probes
<b>Content</b>	: 1 mg HRP/mL stabilized in TRIS buffer
<b>Activity</b>	: 90 - 110%
<b>Recommended Dilution</b>	: 1:20.000 to 1:50.000

**Tips & Tricks**

- Enhanced PLUS Streptavidin-HRP can successfully be diluted in UNI-StabilPLUS (cat. no. 5230)
- Avoid batch-to-batch variations and day-to-day variation by preparing a stock solution in your own dilution.
- When the highest amplification is required, use the Antibody Enhancer (cat. no. 4660) for dilution and storage. Not to be used for dilution of Ab's directed against rabbit immunoglobulins.

**Handling & Storage**

Store solution at 2-8 °C.



Our Immunoassay Solutions are eco-friendly, creating a healthy work environment and preserving natural resources, while helping our customers fulfill significant regulatory requirements. **We call it ECO-TEK.**