

# Enhanced Streptavidin-HRP

## LABELS & CONJUGATES

### Streptavidin, poly-HRP linker

Cat. no. 4740 (1 mg HRP/mL)

#### Product Characteristics

Enhanced Streptavidin-HRP is a HRP-conjugate specific for biotinylated antibodies and is characterized by an enhanced molar ratio of >5 HRP enzymes covalently coupled per streptavidin molecule. Enhanced Streptavidin-HRP conjugate enables at least a 4-fold increase in sensitivity in ELISA compared to conventional conjugate and offers pg/fg sensitivity levels in immunoassays, when only minimal amounts of specific antibodies or antigens 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 & Properties

Specificity	: Biotinylated probes
Content	: 1 mg HRP/mL stabilized in TRIS buffer
Activity	: 90 - 110%
Recommended Dilution	: 1:1.000 to 1:10.000

#### Tips & Tricks

- Enhanced Streptavidin-HRP can successfully be diluted and stored in Antibody Enhancer (cat. no. 4660). (Not to be used for dilution of Ab's directed against rabbit immunoglobulins).
- Avoid batch-to-batch variations and day-to-day variation by preparing a stock solution in your own dilution.
- Fine-tuning of the polymer backbone is necessary for Immunoblotting, IHC & DNA probe detection.

#### 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.**