

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 approximate enhanced molar ratio of >4 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:	Stabilized in 50% TRIS Buffer and 50% HRP Conjugate Stabilizer
Activity:	90 - 110%
Recommended Dilution:	1:15.000 to 1:30.000

Tips & Tricks

- Enhanced Streptavidin-HRP can successfully be diluted and stored in Antibody Enhancer (cat. no. 4660). Please note that the Antibody Enhancer cannot 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.**