

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.
- To avoid batch-to-batch and day-to-day variation, it is recommended to prepare a stock solution in your own dilution buffer at a ready-to-use concentration.
- 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 environmentally conscious, creating a safer work environment while helping our customers fulfill significant regulatory requirements.

We call it ECO-TEK!



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