

## Enhanced Streptavidin-HRP

## LABELS &amp; CONJUGATES

**Streptavidin, poly-HRP linker**

Cat. No. 4740 (1 mg HRP/ml)

Lot No.: XXXXXXDate of manufacture: XX-XXXXExpiry date: XX-XXXX (When stored at 2-8 °C in an unopened bottle)**Description:** Horseradish Peroxidase (HRP) and Streptavidin conjugated to a polymer backbone.**Concentration:** 1 mg HRP/ml**Buffer:** Stabilized in 50% TRIS Buffer and 50% HRP Conjugate Stabilizer.

**Analysis:** The conjugate is analyzed for consistent activity and Non Specific Binding (NSB).  
**Activity:** The activity is determined in a 3-layer ELISA. The first layer is a standard Goat anti-rabbit IgG dilution. The second layer is Biotinylated rabbit IgG and the third layer is Enhanced Streptavidin-HRP, tested in dilution range from 15.000 to 30.000.  
**NSB:** The Non Specific Binding is tested in the same assay, without addition of the second layer. 100 µL TMB ONE substrate is added to each well and incubated for 20 minutes. The reaction is stopped by addition of 100 µL 0.2 M sulphuric acid.  
 The absorbance is read at 450/620 nm. The activity is compared to a standard conjugate solution with known activity.

**Specifications:** Activity: 90 – 110 %  
 NSB: Abs. < 0.150

**Results:** Activity test: \_\_\_\_\_  
 NSB: \_\_\_\_\_

**Storage:** Store at 2-8 °C. Do not freeze.**Performed by:** Date: xx-xxx-2021 Signature: xx**Approved by:** Date: xx-xxx-2021 Signature: xx

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