

Note that this data sheet is not lot-specific. Please consult the vial label and the certificate of analysis for information on specific lots.

Recombinant Streptavidin, Poly-HRP labelled

Catalogue Number: 20 201 001

Package Size: 100 µl

1. Description

The Poly-HRP labelled recombinant Streptavidin is produced by covalent conjugation of recombinant Streptavidin to highly activated Poly-HRP (Horseradish Peroxidase). Poly-HRP labels are characterized by high measurement signal amplification and low unspecific bonding. It is used to bind biotinylated compounds. The conjugated Poly-HRP provides enzyme activity for detection using an appropriate substrate system. It is provided in a conjugate stabilizer containing a preservative.

Streptavidin concentration: 5 µg/ml
Molecular ratio HRP/target: 3-5

2. Package

Stabilizer solution containing preservative (0.02% methylisothiazolone and 0.02% bromonitrodoxane).

3. Applications

- ELISA*
- Dot Blot
- Western Blot
- Immunohistochemistry

* It is used to bind biotinylated compounds in ELISA in a recommended dilution about 1:2000 (incubation time 1 hour/ 20-25°C).
Prepare dilutions immediately before use.

4. Storage

The solution is stable until the expiry date when stored at 2-8°C. Do not freeze!

5. Additional Information

Streptavidin-Poly-HRP solution should be titrated for optimal results in individual systems. Attention, when using Azide in buffer of your application system: Azide will inhibit HRP activity. HRP is light sensitive. Avoid excessive exposure to light.