

Technical Data Sheet

Streptavidin HRP

Product Information

Material Number: 550946
Size: 50 ml
Storage Buffer: Aqueous buffered solution containing BSA and ProClin™ 150 as preservative.

Description

Streptavidin-Horseradish peroxidase (SAv-HRP) is a useful detection enzyme for labeling biotinylated-primary or secondary antibodies for detection by immunohistochemistry. The streptavidin has very high affinity for biotin conjugated to the antibody and the horseradish peroxidase serves as the enzyme to change color in different substrates. This pre-diluted SAv-HRP is convenient to use and provides optimal signal amplification and detection.

This product is routinely tested by immunohistochemistry. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

Preparation and Storage

Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Immunohistochemistry	Routinely Tested
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Recommended Assay Procedure:

Immunohistochemistry: SAv-HRP is ready to use in its pre-diluted format. Remove the solution from 4°C and let it equilibrate to room temperature before using. The SAv-HRP should be used after the slides are incubated with biotinylated primary or secondary antibody and the unbound antibody is washed away. Apply enough SAv-HRP to cover the tissue sections and incubate 30 minutes at room temperature. Wash 3X with PBS and apply the appropriate substrate for horseradish peroxidase (inquire with technical service for available substrates from BD Pharmingen™).

Note: It is important not to use Azide in any of the buffers when using horseradish peroxidase as azide inactivates the enzyme.

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. ProClin is a trademark of Rohm and Haas Company.
4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

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