

STREPTAVIDIN PEROXIDASE

INTENDED USE:

For In Vitro Diagnostic Use

CATALOG NO

VOLUME

PL-060-HR	60 ml (600 slides)
PL-125-HR	125 ml (1250 slides)
PL-1000-HR	1000 ml (10000 slides)

DESCRIPTION :

This reagent is intended to be used in a labeled streptavidin-biotin immunoenzymatic antigen detection system. This technique involves the sequential incubation of the specimen with an unconjugated primary antibody specific to the target antigen, a biotinylated secondary antibody that reacts with the primary antibody, enzyme-labeled streptavidin, and substrate-chromogen.

WARNINGS & PRECAUTIONS

Refer to MSDS.

STORAGE & SHELF LIFE

Store at 2-8°C. Product is stable for 24 months from the date of manufacture.

MICROBIOLOGICAL STATE

Product(s) not sterile.

SPECIMEN & REAGENT PREPARATION

Refer to Procedure.

IMMUNOHISTOCHEMISTRY PROCEDURE

STAINING PROTOCOL (kit components in bold):

1. Deparaffinize and rehydrate tissue section.
2. To reduce nonspecific background staining due to endogenous peroxidase, incubate slide in hydrogen peroxide for 10-15 minutes.
3. Wash 2 times in buffer.
4. If required, incubate tissue in digestive enzyme (or appropriate pretreatment).
5. Wash 4 times in buffer.
6. (Optional) Place slide in Ultra V Block or protein block and incubate for 5-10 minutes at room temperature to block nonspecific background staining. **NOTE:** Protein Block, do not exceed 10 minutes or there may be a reduction in desired stain.
7. Rinse (Optional).
8. Apply primary antibody and incubate according to manufacturer's protocol.
9. Wash 4 times in buffer.
10. Incubate slide with biotinylated secondary solution according to manufacturer's protocol.
11. Wash 4 times in buffer.
12. Incubate slide with **Streptavidin Peroxidase** solution for 10 minutes at room temperature.
13. Rinse 4 times in buffer.
14. Place slide in appropriate chromogenic substrate and incubate until desired reaction is achieved.
15. Counterstain and coverslip.

Troubleshooting

Please contact PatoLab Technical Support by e-mail (patolab@patolab.com.tr).