

PROTEIN BLOCK

INTENDED USE:

For In Vitro Diagnostic Use

CATALOG NO

VOLUME

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

DESCRIPTION

Protein Block has been developed for use in immunohistochemical assays. It is applied to the tissue sample prior to the application of the primary antibody to reduce nonspecific background staining while simultaneously reducing the handling of animal serums in the laboratory. The need to match species with the secondary antibody was eliminated with the use of this product. Protein Block comes ready-to-use and requires no mixing or diluting. Protein Block may be used for other immunoassay upon optimization and verification by the end user.

WARNINGS & PRECAUTIONS

In the case of accidental spill, clean and dispose of material according to your laboratory's SOP, local, and state regulations. In the case of damaged packaging on arrival, contact your technical support representative (refer to contact details listed). DANGER. PL-XXXX-PBQ contains <1% Bovine serum albumin, and < 0.5% Triton-X 100. H317 – May cause allergic skin reaction. H334 – may cause allergy or asthma symptoms or difficulty breathing. Refer to PL-XXXX-PBQ for additional precautions, handling instructions, disposal and accidental exposure treatment.

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 the immunohistochemistry procedures on Anti-Polyvalent HRP Kit datasheet.

IMMUNOHISTOCHEMISTRY PROCEDURE

1. Dewax (deparaffinize) and rehydrate tissue section.
 2. Rinse with buffer.
 3. If required, incubate tissue in appropriate pretreatment or digestive enzyme.
 4. Rinse with buffer.
 5. To reduce nonspecific background staining due to endogenous peroxidase, incubate slide in Hydrogen Peroxide Block (PL-XXXX-HPB) for 10 minutes.
 6. Rinse with buffer.
 7. Apply **Protein Block** and incubate for 5 minutes to block nonspecific background staining.
- NOTE:** Do not exceed 10 minutes or there may be a reduction in desired stain. (May be omitted if primary antibodies are diluted in buffers containing blocking reagents).
8. Blow step is recommended in protocols set up on immunohistochemistry Instrument.
 9. Continue executing remaining steps of the immunohistochemistry protocol.

Troubleshooting

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