

Immunowash buffer, pH 7.4 (25X) IHC Wash Buffer

PRODUCT INFORMATION:

PS006 500ml
PS006 100ml
PS006 1L

INTENDED USE

For *in vitro* diagnostic use only

Immunowash Buffer is intended for use in immunohistochemistry (IHC) staining protocols.

SUMMARY AND EXPLANATION

Immunowash Buffer is a 25X concentrated Tris-based solution that is employed to rinse reagents off slides and to provide a medium for short-term storage of immunohistochemistry specimens between applications of reagents.

PRINCIPLE OF THE PROCEDURE

Wash buffers are used to rinse away reagents between steps of manual and automated IHC staining protocols. This solution helps maintain the morphological characteristics of the antibodies and their respective epitopes, in order to facilitate the specific binding necessary in an IHC reaction to promote effective washing and to prevent non-specific background staining.

REAGENT PROVIDED

The reagent is supplied as 500ml, 1L formats of immunowash wash buffer, 25x concentrated.

STORAGE AND HANDLING

Store at 2-8°C, up to 18 months from the date of manufacture (see product label for expiration date).

Reagent Preparation

1. Prepare a working solution as follows:
Dilute concentrated Immunowash Buffer with DI water 1:25.

Recommended Protocol(s)

1. When used with manual IHC staining techniques agitate slides 5 times in the wash buffer to remove excess staining reagents.
2. When used with automated IHC staining techniques use according to the instrument manufacturer's specifications.

INTERPRETATION OF RESULTS

The clinical interpretation of any staining, or the absence of staining, must be complemented by morphological studies and evaluation of proper controls. Evaluation must be made by a qualified pathologist within the context of the patient's clinical history and other diagnostic tests.

QUALITY CONTROL PROCEDURES

Refer to NCCLS Quality Assurance for Immunocytochemistry approved guidelines, December 1999 MM4-A Vol.19 No.26 for more information on tissue controls.

WARNINGS AND PRECAUTIONS

1. This product is for *in vitro* diagnostic use by professionals only.
2. Do not use after expiration date printed on product labels. The user must validate any storage conditions other than those specified in the package insert.
3. Bring all reagents, slides, and specimens to room temperature (18- 24° C) prior to use.
4. Cross contamination of reagents or samples may give false results.
5. Avoid microbial contamination of reagents, as this could produce incorrect results.

6. Avoid contact of reagents with eyes and mucous membranes. If reagents come in contact with sensitive areas, wash with copious amounts of water.
7. Do not smoke, eat, or drink in areas where specimens or reagents are handled.
8. Avoid splashing or generation of aerosols at all times.
9. Reusable glassware must be washed and thoroughly rinsed free of detergents prior to use. All glassware must be clean and dry before use.
10. Never pipette by mouth and avoid contact of reagents and specimens with skin and mucous membranes. If contact occurs, wash with a germicidal soap and copious amounts of water.

LIMITATIONS

Immunohistochemistry is a multiple step diagnostic process that requires specialized training and selection of appropriate reagents and controls. The protocols for a specific application can vary. It is the responsibility of the end user to determine optimal conditions.

TROUBLESHOOTING

Refer to reagent-specific protocol recommendation according to data sheet provided. If unusual results occur, contact PathnSitu Technical Support at +91-40-2701 5544 or E-mail: techsupport@pathnsitu.com.

REFERENCES

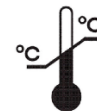
NCCLS Quality Assurance for Immunocytochemistry approved guideline, December 1999 MM4-A Vol. 19 No.26 for more information on tissue controls.

EXPLANATION OF SYMBOLS

LOT - Lot number / Batch number



IVD *In vitro* diagnostic use



Storage limitation