


# IMPATH WASH BUFFER (20x)(1L)



## Product Availability

Cat. No. 45002  
Size 1L

 PathCom Systems, Inc.  
6759 Sierra Ct. Ste# B  
Dublin, CA 94568

## Intended Use

For In Vitro Diagnostic Use.

Rev: 090514B

## Description

ImPath wash buffer for IHC and ISH (20x) is for use as wash buffer for immunohistochemistry (IHC) and in situ hybridization (ISH). It is employed to rinse reagents off slides and to provide a medium for short-term storage of immunohistochemistry specimens in between application of reagents. When diluted, the ready to use solution is a 50mM Tris buffered solution with a pH range of  $7.4 \pm 0.1$ . Wash Buffers are used to rinse away reagents between steps of immunohistochemical 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 immunohistochemical reaction. Tween® 20 is added to promote effective washing and to prevent non-specific background staining.

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## Summary and Explanation

IHC (Immunohistochemistry) is a commonly used technique supporting the identification of antigens present on the tissue or cells.

ISH (in situ hybridization) is a technique supporting the identification of gene deletion, translocation and amplification in cells.

It is the responsibility of the operator to identify the best working conditions and the best reagents to perform the staining run.



## Reagents Provided

Component	Quantity per kit
Wash Buffer for IHC(20x) 1L	1(one)

# IMPATH WASH BUFFER FOR IHC (20x)(1L)



## Dilution and Mixing

Dilute wash buffer by mixing 19 portions of water with 1 portion of the wash buffer to final 1x.

## Storage and Stability

Store at 2-8°C. Do not freeze. The reagents must be returned to the storage conditions identified above immediately after use. When properly stored, the reagents are stable to the date indicated on the label.

## Warning and Precautions

ImPath Solutions are harmful and irritating to the eyes, respiratory system and skin. It may cause lung and stomach damage if ingested. **Wear disposable gloves when handling reagents.** MSDS are available from your local representative upon request. There are no express or implied warranties which extend beyond this datasheet. ImPath is not liable for personal injury, property damage or economic loss caused by this product.

## Instruction for Use

### Reagents for IHC and ISH procedures

Dilute (20x)wash buffer by mixing 19 portions of distilled water with 1 portion of the wash buffer to final 1x. Fill the wash buffer bottle from the instrument with the 1x wash buffer, screw the cap connected with tubing. Place the bottle in the designated area of the instrument.

Pull the Reagent Rack that has the required RFID tagged solution vials from refrigerator, remove the caps from the vials and place the Reagent Rack onto the ImPath 36. Turn on the unit, log in, press **Prepare Labels** to prepare the slide labels, place them on the slides, press **Load Slides**, put slides on the modules, press **Scan Slides**, then press **Scan Reagents** and allow the

RFID Reader to identify and register the products, check on the required wash buffer and waste container, press **Start Staining Process**, or press **Delayed Start** and set the finished time you want, or click **Return to Main Screen** and press **Start**. The staining process is fully automated.