

# IMPATH CHAMBER CLEANING KIT



## Product Availability

Cat. No. 45004  
Size 10 Cycles  
(360 chambers)

## Intended Use

For In Vitro Diagnostic Use.

## Description

ImPath Chamber Cleaning Kit is designed for removing minor DAB residues on the chambers of ImPath 36. This product is recommended for routine cleaning of the chambers on ImPath 36.


## Summary and Explanation

IHC (Immunohistochemistry) is a commonly used technique supporting the identification of antigens present on the tissue or 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 |
|---|------------------|
| Clean 1   | 1(one)           |
| Clean 2   | 1(one)           |
| Clean 3   | 4(four)          |
| Empty vial to be filled with DiH <sub>2</sub> O | 1(one)           |

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## Dilution and Mixing

Fill the empty vial with DIH<sub>2</sub>O each time before use. The PathCom Solutions in the kit are ready-to-use. No further dilution is required.

## Storage and Stability

Store at room temperature. 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

### Chamber Cleaning Recommendation

- 1) Right after taking out the stained slides, use alcohol swab to wipe the chamber surface
  - a) **Wipe the chamber every time right after the stained slides are removed from ImPath 36.**
  
- 2) Run "Clean Chamber" protocol
  - a) Use PathCom Chamber Cleaning Kit (Clean 1, Clean 2, Clean 3, DI Water, and refer to the datasheet for the cleaning procedure)
  - b) Recommend to run "Clean Chamber" protocol every 3 times of staining to remove minor DAB residues etc
  - c) The protocol takes about 2.5 hours for clean 36 slides.
  
- 3) **Use bleach for deep cleaning**
  - a) Remove the chambers from the modules
  - b) Soak into the bleach (regular bottled bleach for "brighten white /remove stains" available at the grocery store, the cleaning section) for about 15-20 minutes. Do not soak in the bleach for more than one hour
  - c) Shake and/or wipe the stains and residues in the bleach till the chamber surface are clean
  - d) Soak into large volume water and completely rinse the bleach away, dry the chambers
  - e) Use alcohol swab to wipe the chamber surface
  - f) Recommend to do the deep cleaning every 4-5 runs or when the chamber surface becomes dirty.
  
- 4) Chamber cleaning Kit using bleach every 4-5 times of staining or sooner if the chamber surface becomes dirty is highly recommended to avoid inconsistent and/or weak staining.

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## Procedures for using chamber cleaning kit

**Fill the empty vial with DiH2O each time before use.** Place the RFID tagged solution vials randomly in the Reagent Rack of the ImPath 36.

Turn on the unit, log in, press **Load Slides**, put blank slides on the modules, press **Unload Slides**, High light 36 slides positions, press **Assign Protocols**, select "Clean Chamber", 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**. The staining process is fully automated.