

IMPATH TR4



Product Availability

Cat. No. 47245
Size 100 Tests

Intended Use

For In Vitro Diagnostic Use.

Description

ImPath TR4 (retrieval sol. 9) is intended for Heat Induced Epitope Retrieval (HIER) on formalin-fixed, paraffin-embedded tissue sections as part of an immunohistochemical procedure. HIER using an appropriate pH solution improves the staining of some antibodies by exposing epitopes within tissue that has been masked during fixation. ImPath TR4 is intended for use in immunohistochemistry in conjunction with the ImPath 36 and it is an option to replace TR1 or TR2 for some antibodies in order to enhance the staining intensity. Optimal conditions for epitope retrieval should be validated by the user as these are dependent upon tissue, fixation and/or primary antibody.

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
TR4(Retrieval Sol. 9)	4(four)

Dilution and Mixing


The product is ready-to-use. Number of tests are programmed with RFID on each vial. No further dilution is required.

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.

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Instruction for Use

Reagents for IHC 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.