

# Tissue-Tek Genie®

## High pH Antigen Retrieval Solution

### Instructions for use

#### Intended use

For *in vitro* diagnostic use.

Tissue-Tek Genie® High pH Antigen Retrieval Solution is an antibody designed for Heat-Induced Epitope Retrieval (HIER) of specimen sections during immunohistochemistry (IHC) staining on the Tissue-Tek Genie® Advanced Staining System. The clinical interpretation must be made in conjunction with histological examination, relevant clinical information, other diagnostic tests and proper controls by a qualified pathologist.

#### Limitations

This product has been optimized on the Tissue-Tek Genie Advanced Staining System, using Tissue-Tek Genie® reagents and FFPE specimen sections. Staining quality may diminish when used with other systems and/or reagents.

#### Summary and principle

Tissue fixation involves creating cross-links between protein residues in the tissue. This fixation process preserves the tissue, but also denatures many antigens and makes antigen sites within the tissue less accessible to antibodies.

Tissue-Tek Genie High pH Antigen Retrieval Solution is applied to the tissue and heated on the Tissue-Tek Genie Advanced Staining System. This process breaks the cross links formed during fixation and allows proteins to re-nature which allows greater accessibility of antigenic sites to antibodies.

#### Cautions and warnings

For professional use only. Take reasonable precautions when handling. Avoid contact of reagents with eyes, skin, and mucous membranes. Wear protective gloves, clothing, and eye/face protection.

Bottles filled with reagent are for multiple use. Do not attempt to re-fill or add additional reagent. Discard the bottle when empty.

It is recommended to include appropriate controls on each specimen slide to help in identifying any deviation that might occur during the staining process.

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Refer to the SDS for further information.

#### Storage conditions

Store this product at 15-30°C.

#### Instructions for use

1. Remove one bottle and one draw tube from the box and the bag.
2. Scan the 2D barcode on the bottle label to register the lot with the software.
3. Remove the black cap from the bottle.
4. Place the draw tube into the bottle and tighten the cap.
5. Place the Tissue-Tek Genie High pH Antigen Retrieval Solution line (line four of the Tissue-Tek Genie Advanced Staining System) into the bottle

and tighten the black connector attached to the line. Ensure the line reaches the bottom of the bottle.

6. Gently place the bottle onto the Tissue-Tek Genie High pH Antigen Retrieval Solution slot of the Tissue-Tek Genie Advanced Staining System.
7. Prime the Tissue-Tek Genie High pH Antigen Retrieval Solution line if necessary.

#### Material required but not supplied

The following reagents may be required for staining but are not provided:

- Tissue-Tek Genie® Dewax Solution (REF 8865-G001)
- Tissue-Tek Genie® Wash Solution (REF 8874-G004)
- Tissue-Tek Genie® Pro Detection Kit, DAB (REF 8826-K250)
- Tissue-Tek Genie® Hematoxylin (REF 8830-M250)
- Tissue-Tek Genie® primary antibodies

Further information can be found on the Sakura Finetek USA website at [www.sakuraus.com/Genie](http://www.sakuraus.com/Genie)

## Order information

#### Product code, product name and quantity

REF 8744-G001 Tissue-Tek Genie® High pH Antigen Retrieval Solution, Ready-To-Use, 3.8 liters, 1 bottle; 1 unit.

**NOTE:** The Safety Data Sheet (SDS) is available online on the Sakura Finetek USA website at [www.sakuraus.com/SDS.html](http://www.sakuraus.com/SDS.html)

## Contact


If located within the United States, contact Sakura Finetek USA, Inc. by calling toll free **1-800-725-8723** or contact your Sakura Finetek representative or authorized distributor.

In countries, other than the United States, contact the nearest authorized Sakura Finetek instrument distributor or representative. Contact details may be found at [www.sakura.com](http://www.sakura.com)



## Symbols

	Catalog number
	Batch code
	<i>in vitro</i> diagnostic medical device
	Temperature limitation
	Use by
	Manufacturer
	Consult instructions for use
	European Conformity
	Authorized representative in the European Community

Storage : 15°C  30°C







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