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## Technical Manual

### One-step Dewaxing/Antigen Retrieval Buffer

- Catalogue Code: MAES0209
- Research Use Only

## Key Features

### Product Name:

Dewaxing/Antigen Retrieval Buffer (pH 6.0) **or** (pH 9.0) (20 ×)

### Size:

100 mL, 200 mL, 500 mL

### Storage:

2-8°C

## Introduction

Assay Genie's One-step Dewaxing/Antigen Retrieval Buffer is a rapid reagent for paraffin slide pre-treatment. This reagent eliminates the need for traditional methods such as, xylene dewaxing (three times), or gradient ethanol hydration (three to five times). The operation time is effectively shortened, the cumbersome operation steps are simplified so the variables in operation are reduced, and the stability is improved. The Dewaxing Solution applies new environmental protection technology and not only reduces toxicity, but also pollution effects on the environment.

## Instructions

Dewaxing/Antigen Retrieval Buffer (pH 6.0) **or** (pH 9.0) (20×) is a 20× concentrated solution. Dilute with DI water to 1 × Dewaxing/Antigen Retrieval working solution before use.

**For example:** Take 30 mL Dewaxing/Antigen Retrieval Buffer (pH 6.0) **or** (pH 9.0) (20×), dilute with DI water to 600 mL.

Dewaxing/Antigen Retrieval Buffer (20x)	Total No. of Dewaxing/Repair Samples (PCS)
100 mL	≤140
200 mL	≤280
500 mL	≤700

**Note:** It is suggested to dilute the Dewaxing/Antigen Retrieval Buffer before using.

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## Experimental Operation Steps

1. Put the 1 xDewaxing/Antigen Retrieval (pH 6.0) **or** (pH 9.0) working solution in the repair box, then heat until it boils.
2. Put the slides into the boiling Dewaxing/Antigen Retrieval (pH 6.0) **or** (pH 9.0) working solution to immerse the tissue (In order to maintain the pH of the solution, the metal slide rack should not be used).
3. Repair the antigen with medium-low power for 15~30 min, and avoid the tissue from drying during the process. Move the repair box to a RT environment, and allow it to cool down naturally.
4. Take out the slides when the solution has cooled down to RT, and wash the slides with DI water, make sure that there is no residue of Dewaxing/Antigen Retrieval working solution. (Don't flush the tissue directly during the washing process in order to avoid breaking up the tissue).
5. Follow up experiments can be conducted with reference to IHC experimental procedures.

## Storage

Store at 2~8°C, Avoid of freezing. Valid for 12 months. The reagents are valid within 6 months after opening.

## Notes

1. It is necessary to keep the slide wet during the operation. If the slide is dry, it will lead to non-specific staining results.
2. In the process of continuous heating, it is only necessary to keep boiling with medium-low power, and do not splash the Dewaxing/Antigen Retrieval working solution out of the repair box with high power.
3. For your safety and health, please wear lab coats and disposable gloves for operation and follow the procedures of laboratory reagent operation.

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**Assay Genie 100% money-back guarantee!**

If you are not satisfied with the quality of our products and our technical team cannot resolve your problem, we will give you 100% of your money back.

**Contact Details**



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