

Antigen Retrieval Solution II

Instruction For Use

IVD



Basic UDI-DI:697180456SD6004DK

[Product Name]

Antigen Retrieval Solution II

[Catalog No.]

SD6004

[Specification & Components]

Name	Specification
Antigen Retrieval Solution II	1000ml/bottle

[Intended Use]

This reagent is used for antigen repair before immunohistochemical staining of formalin-fixed, paraffin-embedded tissue sections, to enhance the visualization of immunohistochemical experiments.

[Summary and Explanation]

The EDTA buffer substrate is a salt that balances the pH value of the solution. It can degrade the covalent bond formed by formalin and formaldehyde in the tissue when the temperature rises. The removal of these covalent bonds can renature protein molecules and increase the binding capacity of the antibody.

[Storage and Validity]

Stored at 2°C -8°C to avoid direct sunlight exposure, valid for 12 months.

After use, it should be put back into the refrigerator at 2 ~ 8°C .

Transportation conditions: transport at room temperature.

[Recommended Instrument]

Fully Automated Immunohistochemistry Stainer.

[Specimen Requirements]

The pathological tissue was obtained, fixed in formalin, dehydrated, paraffin-embedded and made into paraffin blocks, which were cut into 3 ~ 5 μm slices by a microtome and spread on sticky slides (some special types of tissue may require different section thicknesses). The tissue sections were then placed in a drying oven at 60°C (±5°C) for 30 ~ 60min, then cool to room temperature. Users can adjust the temperature and time as needed according to the actual situation.

[Test Method]

Fully automatic immunohistochemistry stainer: Add antigen retrieval solution II to the container on the stainer.

[Results Interpretation]

According to the type of repaired tissue and the objective of the immunohistochemical experiment.

The clinical interpretation of any staining or staining deficiency shall be supplemented by a qualified pathologist based on morphology.

[Test Limitations]

Due to the large difference in tissue fixation, the heating time for antigen retrieval may be different, so it must be tested by user.

Excessive repair of tissue sections may lead to accidental staining, the best repair conditions should be controlled with negative reagents.

[Product Performance Specifications]

Appearance: clear and no flocculent impurities.

pH value: 8.9-9.1 (25°C)

[Cautions]

1. Before starting the experiment, please read the instructions carefully.

2. Please use it within the validity period.

3. It is forbidden to inhale the reagent by mouth, and avoid contact with the skin and mucous membranes. If the reagent comes into contact with sensitive parts, rinse with plenty of water..

4. It may occur that microbial contamination causes a decrease in reagent titer or an increase in non-specific staining.

[Symbols]

The following symbols may be found in this IFU or on the product labeling. Some glossary symbols may not be applicable to this product.

Symbol	Used for	Symbol	Used for
	Expiration Date		Consult instructions for use
	Lot Number		In Vitro diagnostic medical device
	Storage Temperature		Manufacturer
	Catalogue number		Date of manufacture

[Version]

Revision date: 2026-01-29

Version: 03; Change Summary: Correct the incorrect expressions.

