

Periodic Acid Schiff-PAS Stain Kit

Instruction For Use

IVD



[Product Name]

Periodic Acid Schiff-PAS Stain Kit

[Catalog No.]

HS2208

[Specification & Components]

30 tests/box

Reagent Component	Specification
	30 Tests/Kit
Periodic Acid Solution (Solution A)	35 mL/bottle × 1
Schiff Solution (Solution B)	35 mL/bottle ×1
Hematoxylin Staining Solution (Solution C)	35 mL/bottle × 1

[Intended Use]

For In Vitro Diagnostic Use.

This kit is used for the staining of glycogen and mucopolysaccharides in human tissue samples and cell samples.

[Storage and Validity]

Store at 2–8 °C, protected from light. Shelf life: 12 months.

Transportation Condition: Transport at room temperature.

After opening, use immediately upon removal. Return the reagent to 2–8 °C refrigerator immediately after each use. Use within 6 months after opening.

Production date and expiry date are detailed on the label.

[Applicable Instrument]

CNT520

[Specimen Requirements]

Fresh biopsy or surgical tissue samples shall be fixed in buffered neutral formalin for 8–24 hours. Sample collection, dehydration, paraffin embedding and block preparation shall be performed in accordance with pathological technical specifications. Paraffin blocks shall be stored in a ventilated and dry dedicated cabinet.

Tissue sections of 3–5 μm thickness are adhered to glass slides. After removing water droplets, the sections are heated in a thermostat at 60 °C ± 5 °C for 30–60 minutes or kept at 37 °C overnight, then cooled to room temperature.

[Test Method]

This reagent is designed for the CNT520 system. Specific staining procedures follow the built-in program of the instrument. After inserting the reagent strips, staining solutions are automatically applied according to the set program. For detailed instructions and supplementary protocols, refer to the instrument operation manual.

[Reference Values]

In tissue samples stained with this kit, cell nuclei appear blue, and glycogen and mucopolysaccharides appear red/purplish red.

[Interpretation of Test Results]

Interpretation depends on tissue type and experimental purpose.

Clinical interpretation of any staining or lack of staining shall be supplemented by a qualified pathologist based on morphology.

[Test Limitations]

Insufficient or excessive fixation may affect staining quality. The optimal staining time for periodic acid and Schiff's reagent must be determined by user testing. A negative control should be used to establish optimal staining duration.

[Product Performance Indicators]

1.Conformity

In tissue samples stained with this kit, cell nuclei appear blue, and glycogen and mucopolysaccharides appear red/purplish red.

2.Intra-assay Repeatability

No significant differences in staining intensity and localization among tissue sections from the same tissue source stained with the same batch of reagent.

3.Inter-assay Repeatability

No significant differences in staining intensity and localization among tissue sections from the same tissue source stained with different batches of reagent.

[Cautions]

1.Read the instruction manual carefully before starting the experiment.

2.Dewaxing of sections should be as thorough as possible; otherwise, staining quality will be affected.

3.Staining time with Schiff Solution depends on room temperature: approximately 10 minutes in summer when room temperature is high, and may be appropriately prolonged in winter when temperature is low.

4.Do not use Schiff's Reagent if it turns pale red.

[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.

[Version]

Revision date: 2024-01-02

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: 01; Change Summary: new



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