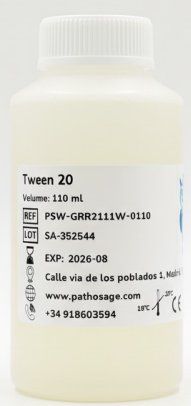


General Reagents	REF	Volume
	PSW-GRR2111W-0110	110 ml
	PSW-GRR2111W-0500	500 ml
	PSW-GRR2111W-1000	1000 ml

Availability

Intended use

PathoSage Tween 20 is intended for use as a non-ionic surfactant in immunohistochemistry (IHC) protocols, particularly in wash buffers and antibody diluents, to reduce non-specific background staining caused by hydrophobic protein interactions. It promotes uniform reagent distribution across the tissue section, improving overall staining consistency and intensity. Tween 20 is suitable for both manual and automated staining platforms, and enhances the penetration and removal of unbound antibodies or detection reagents, thereby contributing to cleaner and more specific immunostaining results. This product is not intended for diagnostic or therapeutic use in humans or animals. For Research Use Only.

Specification

Chemical Name: Polyoxyethylene (20) sorbitan monolaurate
 Synonyms: Polysorbate 20, Tween 20
 CAS Number: 5-64-9005
 Odor: Odorless or slight characteristic odor
 pH (%1 solution): 5.0 – 7.5
 Solubility: Soluble in water, ethanol, and most aqueous buffers
 Grade: Molecular Biology / IHC Grade
 Appearance: Clear to slightly yellow, viscous liquid

Principle of Method

Immunohistochemistry Formalin-Fixed Paraffin-Embedded Tissues (FFPE). suggested to use at concentrations between %0.05 and %0.1 in buffers and reagents.

Materials Provided

PathoSage Tween 20

Materials Required but not Provided

- Primary Antibody(ies)
- Volumetric flask/graduated cylinder
- Ethanol or reagent alcohol
- Slide rack
- Staining dishes
- Pressure cooker
- Pretreatment reagents
- Proteolytic enzyme
- Peroxidase block
- Negative control reagents
- Detection kits
- Chromogen
- Hematoxylin
- Mounting medium

Storage and Stability

Store at room temperature. Do not use after expiration date printed on the vial.

Warnings and Precautions


1. This product is for research use only.
2. Do not use after expiration date printed on the vial.
3. Do not use after expiration date printed on product labels. The user must validate any storage conditions other than those specified in the package insert.
4. Bring all reagents, slides, and specimens to room temperature (18 -24° C) prior to use.
5. Cross contamination of reagents or samples may give false results.
6. Avoid microbial contamination of reagents, as this could produce incorrect results.
7. Avoid contact of reagents with eyes and mucous membranes. If reagents come in contact with sensitive areas, wash with copious amounts of water.
8. Do not smoke, eat, or drink in areas where specimens or reagents are handled.
9. Avoid splashing or generation of aerosols at all times.
10. Reusable glassware must be washed and thoroughly rinsed free of detergents prior to use. All glassware must be clean and dry before use.
11. Never pipette by mouth and avoid contact of reagents and specimens with skin and mucous membranes. If contact occurs

General Limitations

Immunohistochemistry is a multiple step diagnostic process that requires specialized training and selection of appropriate reagents and controls. The protocols for a specific application can vary. It is the responsibility of the end user to determine optimal conditions.

LABEL AND BOX SYMBOLS

Explanation of the symbols of the product label and box:

	Expiration Date	REF	Reference Number	LOT	Lot Number
RTU	Ready To Use	RUO	Research Use Only		