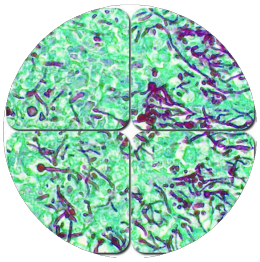
MasterTech S^2 *Stain Kit Instructions for Use*



PAS (for Fungus)

Kit Item # QS2-PASF

The P.A.S. for Fungus Stain Kit is used to identify fungus and glycoproteins. Optimized Schiff's Solution is used to show pink to red colored fungi.

INCLUDES COMPONENTS	Item #	Vials Included
Dewax Solution	S001-15	1 vial (15mL)
Periodic Acid, 0.5%	AHP03-15	1 vial (15mL)
Optimized Schiff's Solution	33700-15	1 vial (15mL)
Light Green Counterstain	STLGC-SF-15	1 vial (15mL)
Reagent Alcohol, 100%	6900-15	1 vial (15mL)

STORAGE AND STABILITY

The Optimized Schiff's Solution must be stored at 2-8 C. Do not freeze. The reagent must be returned to storage conditions immediately after use. All other reagents in the kit can be stored at room temperature. When properly stored, the reagents are stable to the date indicated on the label.

RESULTS

Fungal cell walls: Pink to red
Glycogen: Pink to red
Other tissue: Green
Each kit will stain approximately 50 slides.
Intended for *in-vitro* use by laboratory professionals.

SPECIMEN PREPARATION

Appropriately fixed, paraffin-embedded, 3-5µm tissue section.

CONTROL TISSUE

Aspergillis, Candida albicans, glycogen

DILUTION AND MIXING

All solutions in the kit are ready-to-use. No further dilution is required.

LIMITATIONS AND PRECAUTIONS

For use by laboratory professionals. See SDS for complete warnings, precautions, hazard and precautionary statements, and disposal information. Do not use if reagents become cloudy. Do not use past expiration date.

NOTES

For possible customizations, staining protocol information, or troubleshooting, please contact the Technical Support Department at StatLab by emailing tech@StatLab.com or calling 1-800-442-3573 ext 106

INSTRUCTIONS FOR USE

1. Press **Prepare Labels** to prepare slide labels, and affix labels to slides.
2. Place and secure blue staining chambers in respective module lids.
3. Insert labeled slides on the modules and press **Scan Slides**.
4. Press **Scan Reagents** to display the required reagent names and volumes (number of tests).
5. Place P.A.S. Fungus Stain Kit vials onto the Reagent Rack and remove caps from vials.
6. Press **Scan Reagents** to start the staining process.

Use stains and reagents when they are at room temperature. Tissue section should be placed in proper area of the microscope slide for best results. Check the level of bulk deionized water before stain run to ensure proper volumes are used for optimal staining results. Replace caps on the vials when not using to minimize evaporation or other variables. The blue chambers must be cleaned after each use with Quantum Chamber Cleaning Solution for 20-30 minutes followed by a thorough deionized water rinse. Allow to air dry before each use.

MATERIALS REQUIRED BUT NOT SUPPLIED

1. Control tissue (CSA0625P, CSC0525P, CSG0125P, CS-FUNGUS/PAS/25)
2. Blue Staining Chambers (QHD-CH200-10)
3. QS2 Cleaning Kit, Standard Special Stains (Alcohol) (QS2-CLN)
4. Quantum Chamber Cleaning Solution (QHD-QCS-1)

NOTES

Customizations, such as a different counterstain, may be available. For possible customizations, staining protocol information, or troubleshooting, please contact the Technical Support Department at StatLab by emailing tech@StatLab.com or calling 1-800-442-3573 ext. 106.

StatLab

STATLAB QUANTUM S2 STAINER

Run more stains with the StatLab Quantum S2 Slide Stainer, a fully-automated slide staining. This universal system is designed to automate the manual staining methods routinely used in special stains and related applications. Its user-friendly programming and flexible platform allow for easy user interface. The StatLab MasterTech S2 Stain Kits are to be used exclusively on the Quantum S2 Slide Stainer, and no other reagents should be used other than those provided in the kits or specified as they may damage the platform.

REFERENCES

1. Sheehan DC Hrapchak BB: Theory and Practice of Histotechnology; 1980, 190.
2. A.F.I.P. Laboratory Methods in Histotechnology: 1992, 132 - 133.
3. With modifications by AMTS R&D Department, 1979-2018.

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