

Periodic Acid-Schiff's Stain (P.A.S.) Stain for Nails

Procedure:

1. Place a small amount of Gelatin in water bath
2. Cut ribbon at 4um and float onto gelatin water bath
3. Using positively charged slide, pick up desired sections for PAS & H&E slides.
4. Place in 65 deg. C oven for 45 minutes. (More time for "difficult" specimens)
5. Deparaffinize slides using Xylene or Xylene substitutes and hydrate through alcohols (or place PAS slides on programmed de-paraffin run and H&E slides on H&E program on stainer).
6. Gently rinse slide in running tap water.
7. Rinse slide in distilled water.
- 8. DO NOT "DIGEST" SLIDES!!!**
9. Place slide in 1% Periodic Acid for 10 minutes.
10. Gently rinse slide quickly in distilled water.
11. Place slide in Schiff's Solution for 10 minutes.
12. Gently rinse slides in warm- hot tap water for 5 minutes.
13. Place slide in Light Green Stain as needed to reach desired background intensity. (Approx. 30 seconds)
14. Dehydrate slide through 3 changes of Absolute Alcohol.
15. Clear slide through 3 changes of Xylene or Xylene substitute.
16. Coverslip using permanent mounting media.

Results:

Basement membrane, Fungi, Glycogen and Mucin: PINK TO RED

Other tissue: Green

Reference: American Master Tech Scientific, Inc. "PAS Kit Procedure."

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