

PERIODIC ACID SCHIFF (PAS) - ALCIAN BLUE

KH07010

INTRODUCTION

PAS-AB technique is used to differentiate between acidic mucins as sialomucins, sulfomucin and neutral epithelial mucin. After staining, acidic mucins will be coloured blue, neutral in magenta and nuclei in deep blue. Mixtures of acidic and neutral mucins give blue/ purple colour.

USES

Slides should be deparaffinized through xylene or substitute and descending grades of alcohol to distilled water prior to staining. Designed for research use only, it is not approved for human or animal use, or clinical diagnosis.

COMPONENTS

Component	Amount
Schiff Reagent	125/500 ml
Periodic acid 0,5%	125/500 ml
Harris Hematoxylin	125/500 ml
Alcian Blue	125/500 ml

Storage: 2-8°C

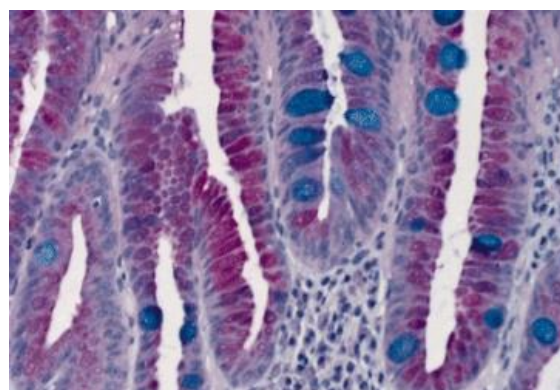
Stable for: 18 months

SHORT PROCEDURE

- 1 5 min Place in Alcian Blue
- 2 3 min Wash in running tap water and distilled water

- 3 10 min Place in periodic acid 0.5%
- 4 3 min Rinse with running tap water and distilled water
- 5 15 min Apply Schiff's Reagent
- 6 3 min Rinse with running tap water and distilled water
- 7 20 s Apply Hematoxylin
- 8 3 min Rinse with tap water
- 9 Dehydrate with graded ethanol, clear and cover

STAINING EXAMPLE



RELATED PRODUCTS

Product	Reference
PAS – Harris Hematoxylin	KH07012
PAS – Mayer's Hematoxylin	KH07011
Alcian blue	KH07001



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