

PERIODIC ACID SCHIFF (PAS)-MAYER'S HEMATOXYLIN

KH07011 - 125/500 mL

DESCRIPTION AND USE

Periodic Acid Schiff staining technique is used to demonstrate simple polysaccharides, neutral mucopolysaccharides, mucoproteins, and glycolipids. In this kit, Mayer's Hematoxylin is used to stain cell nuclei.

Designed for research use only, it is not approved for human or animal use, or clinical diagnosis. Depending on the sample type, it is possible that times need to be modified. BQC recommends to perform a test first.

MATERIALS SUPPLIED

Item	Size
Schiff Reagent	125/500 mL
0.5 % Periodic Acid	125/500 mL
Sulfurose Acid Reagent	125/500 mL
Mayer's Hematoxylin Reagent	125/500 mL

STORAGE AND STABILITY

On receipt store kit components at 4 °C. Do not use after the expiration date stated on the packaging.

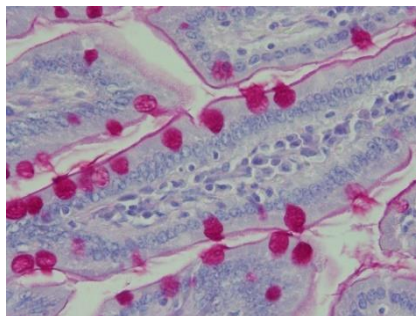
RELATED PRODUCTS

Product	Reference
Harris Hematoxylin Solution	KH07003
Masson's Trichrome Stain Kit	KH07007
Mayer's Hematoxylin-Eosin Stain Kit	KH07004

SHORT PROCEDURE

0		Deparaffinize sample and hydrate with ddH ₂ O (BQC protocol available)
1	5 min	Add 0.5% Periodic Acid
2	5 min	Rinse with distilled water
3	15-30 min	Add Schiff Reagent
4	6 min (2 min each)	Rinse with 3 baths of Sulfurose Acid Reagent
5	5 min	Rinse with tap water
6	2 min	Place in Mayer's Hematoxylin Reagent
7	5 min	Rinse with tap water
8		Dehydrate with graded ethanol (not included), clear and cover

STAINING EXAMPLE



*Histological Gut section (40x)
from a C57BL6J wildtype mouse
stained with BQC PAS Mayer's Hematoxylin*

FOR RESEARCH USE ONLY