

## SCHIFF REAGENT SOLUTION

### KH07013-125/500 mL

#### DESCRIPTION AND USE

Schiff reagent is used in the Periodic Acid Schiff (PAS) staining technique. This technique is used to demonstrate simple polysaccharides, neutral mucopolysaccharides, mucoproteins, and glycolipids. It can be used together with Hematoxylin or Alcian Blue

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

**Hematoxylin Reagent is not included**

#### STORAGE AND STABILITY

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

#### RELATED PRODUCTS

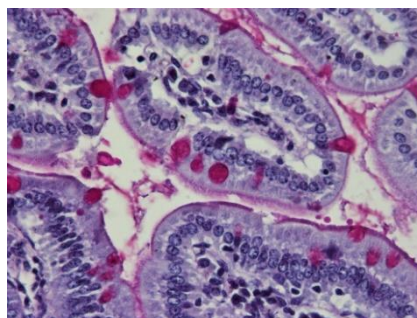
Product	Reference
Mayer's Hematoxylin-Eosin Stain Kit	KH07004
Mayer's Hematoxylin Solution	KH07008
Periodic Acid Schiff (PAS) – Harris Hematoxylin	KH07012

#### SHORT PROCEDURE

This short procedure is for PAS staining with Hematoxylin (**not included**)

0		Deparaffinize sample and hydrate with ddH <sub>2</sub> 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
5	5 min	Rinse with tap water
6	2 min	Place in Hematoxylin
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 Schiff Reagent*

FOR RESEARCH USE ONLY