

ALCIAN BLUE STAIN KIT

KH07001 -125/500 mL

DESCRIPTION AND USE

Alcian Blue is used to detect acid mucopolysaccharides in tissue samples, that cannot be detected with the habitual method of hematoxylin – eosin. Sulphured and carboxylated mucins can be visualized. Nuclear fast red is supplied as a counterstain, to visualize cell nucleus.

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
3 % Glacial Acetic Acid	125/500 mL
Alcian Blue	125/500 mL
Nuclear Fast Red	125/500 mL

STORAGE AND STABILITY

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

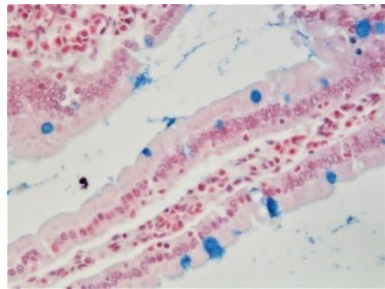
RELATED PRODUCTS

Product	Reference
Mayer's Hematoxylin-Eosin Stain Kit	KH07004
Masson's Trichrome Stain Kit	KH07007
Periodic Acid Schiff (PAS) – Harris Hematoxylin	KH07012

SHORT PROCEDURE

0		Deparaffinize sample and hydrate with ddH ₂ O (BQC protocol available)
1		Wash two times with 3% Glacial Acetic Acid
2	30 min	Add Alcian Blue
3	20 s	Remove excess by rinsing briefly with 3 % Glacial Acetic Acid
4	4 min	Rinse with tap water and deionized water two times
5	5 min	Add Nuclear Fast Red
6	4 min	Rinse in tap water and deionized water two times
7		Dehydrate with graded ethanol (not included), clear and coverslip

STAINING EXAMPLE



*Histological Gut Section (40x)
from a C7BL6J WT mouse
stained with BQC Alcian Blue Stain Kit*

FOR RESEARCH USE ONLY