

# MAYER'S HEMATOXYLIN AND EOSIN STAIN KIT

## KH07004-125/500 mL

### DESCRIPTION AND USE

Hematoxylin Eosin is a common staining technique used in a wide range of tissues. Through this method, nuclei can be visualized as blue, muscle in red, connective tissue in pink and nucleic acid associated with proteins in purple.

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
Mayer's Hematoxylin Reagent	125/500 mL
Eosin Reagent	125/500 mL
1 % Glacial Acetic Acid	125/500 mL

### STORAGE AND STABILITY

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

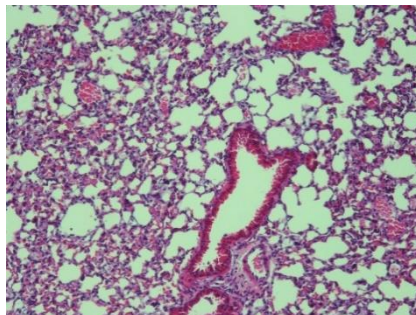
### RELATED PRODUCTS

Product	Reference
Mayer's Hematoxylin Solution	KH07008
Weigert's Iron Hematoxylin Stain Kit	KH07006
Periodic Acid Schiff (PAS) – Alcian Blue	KH07010

### SHORT PROCEDURE

0		Deparaffinize sample and hydrate with ddH <sub>2</sub> O (BQC protocol available)
1	8 min	Add Mayer's Hematoxylin
2	10 min	Wash with warm tap water
3		Wash with 1% Glacial Acetic Acid
4		Wash with tap water
5	10 min	Add Eosin Reagent
6	1-5 min	Wash with tap water
7		Dehydrate with graded ethanol (not included), clear and coverslip

### STAINING EXAMPLE



*Histological Lung section (10x) from a C57BL/6J wildtype mouse stained with BQC Mayer's Hematoxylin-Eosin Stain Kit*

FOR RESEARCH USE ONLY