

IRON STAINING KIT

KH07014-125/500 mL

DESCRIPTION AND USE

Iron Staining Kit is intended to detect ferric iron in several biological samples. It is based on the formation of Prussian Blue (bright blue colour) after adding the reagents to samples containing ionic iron.

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
Reagent A	125/500 mL
Reagent B	125/500 mL
Reagent C	125/500 mL

STORAGE AND STABILITY

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

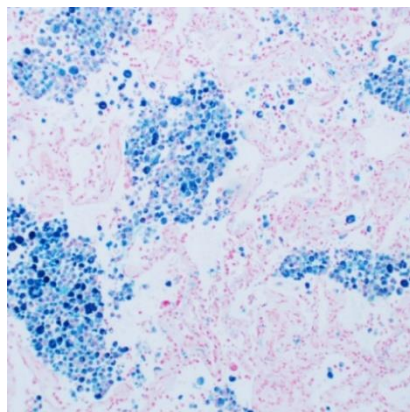
RELATED PRODUCTS

Product	Reference
Weiger's Iron Hematoxylin Stain Kit	KH07006
Periodic Acid Schiff (PAS) – Mayer's Hematoxylin	KH07011
Schiff Reagent Solution	KH07013

SHORT PROCEDURE

0		Deparaffinize sample and hydrate with ddH ₂ O (BQC protocol available)
1		Prepare Working Solution : Mix equal volumes of Reagent A and Reagent B*. Discard after use. *Be careful, the reaction of Reagent A and B will produce toxic fumes
2	10 min	Add Working Solution
3	1 min	Rinse with distilled water
4		Repeat step 3 if needed
5	2-5 min	Add Reagent C
6	1 min	Rinse with distilled water
7	1 min	Rinse with distilled water
8		Dehydrate with graded ethanol (not include), clear and cover

STAINING INTERPRETATION



Histological Liver section (40x) from a C57BL6J wildtype mouse stained with BQC Iron Staining Kit

FOR RESEARCH USE ONLY