Masson's Stain Kit

TRIC-KMA-100

Storage conditions

Store at 15 - 25 °C, protected from fire and sunlight. Stability of 2 years under recommended storage conditions.

Procedure duration

~40 min (+/- pre-fixation time).

Content

A. Weigert's iron hematoxylin - A solution (50 ml)
B. Weigert's iron hematoxylin - B solution (50 ml)
C. Picric acid alcoholicsolution (50 ml)
D. Ponceau acid fuchsin according to Mallory (50 ml)
E. Phosphomolybdic acid solution (50 ml)
F. Masson aniline blue (50 ml)

Application

Collagen and muscle fibre stain differentially when treated sequentially with acid fuchsin, PTA/PMA and aniline blue.

Method

1. Bring section to distilled water
2. Put on the section 6 drops of reagent A and add 6 drops of reagent B: leave to act 10 minutes
3. Without washing, drain the slide and put on the section 10 drops of reagent C: leave to act 4 minutes
4. Wash quickly (3-4 seconds) in distilled water and put on the section 10 drops of the reagent D: leave to act 4 minutes
5. Wash in distilled water and put on the section 10 drops of the reagent E: leave to act 10 minutes
6. Without washing, drain the slide and put on the section 10 drops of reagent F: leave to act 5 minutes
7. Wash in distilled water and dehydrate rapidly through ascending alcohols, stop 1 minute in the last absolute ethanol. Clear in xylene and mount

Visualization

Nuclei: Black

Muscle fibres, cytoplasm, erythrocytes: Red

Collagen, mucus: Blue