

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 alcoholic solution (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