

Staining and Mounting

- 1) Stain the section with Hematoxylin for approximately 1 min (the section side is down) (Fig. 1).
- 2) Carefully wash the section in running water for approximately 4 minutes.
- 3) Stain the section with water soluble eosin for approximately 10 seconds (Fig. 2).
- 4) Rinse the section with water for a few seconds and then rinse it with 100% ethanol for 10 seconds (Fig. 3).
- 5) Drop the mounting medium (SCMM) on the section (Fig. 4A).

Note: The following mounting mediums are used for this method.

i . SCMM-G1

ii . SCMM-R1

iii. SCMM-R2

IV. SCMM-R3

- 6) Place the section onto a new glass slide applied with the SCMM (the section side down) (Fig. 4B). The section is sandwiched between the plastic film and the glass slide.
 - 7) Remove the excess SCMM from the glass slide with filter paper (Fig. 4C).
 - 8) Place the glass slide to polymerize the SCMM under the UV light when the SCMM-R2 (also SCMM-R3) is used as a mounting medium.
- Note: Leave the section for 1-2 days in a room when the section is mounted with SCMM-G1 and R1.*
- 9) After polymerization, wash the glass slide and Cryofilm to remove the un-polymerized mounting medium from the Cryofilm and glass slide (Fig. 4B).

- 10) The section is kept in between the adhesive film and the glass slide (Fig. 4C).



Fig. 1. Staining (Hematoxyline)

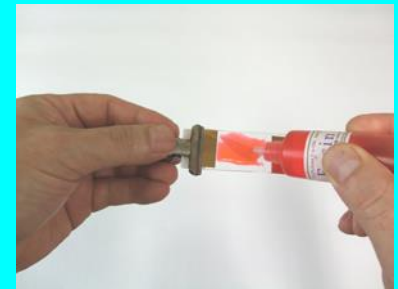


Fig. 2. Staining (Eosin)



Fig. 3. Rinsing (100% ethanol)

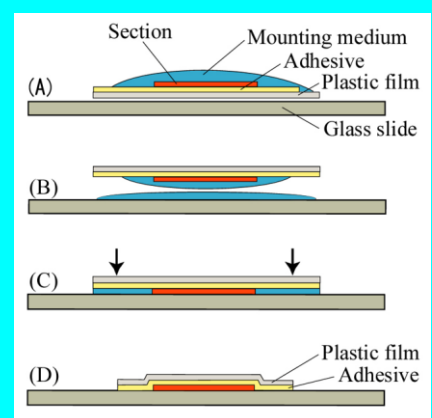


Fig. 4. Section mounting