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Part 6271A Revised December 2022

Mount-Quick Aqueous Mounting Medium - Technical Memo

SOLUTION: 30 cc Bottle
Mount-Quick Aqueous Part 6271A

For storage requirements and expiration date refer to individual product label.

APPLICATION:

Newcomer Supply Mount-Quick Aqueous is a ready-to-use liquid mounting medium for histological techniques that require an aqueous based mounting medium and when dehydrating and clearing agents will adversely affect the stain, such as: lipid/fat stains, crystal violet stains and solvent soluble immunoperoxidase chromogenic procedures.

Mount-Quick Aqueous mounting medium is not recommended for use in immunofluorescence procedures.

METHOD:

Technique: Paraffin or frozen sections

PROCEDURE:

- Initial use of Mount-Quick Aqueous; with a clean blade, slice open the bottle tip at a slight angle in order to allow a controlled flow of mounting medium and minimal development of air bubbles.
 - a. Keep Mount-Quick Aqueous tightly capped when not in use to avoid evaporation and maintain solution viscosity.
- Complete staining procedure and final rinsing step; blot excess water from slide edges.
- 3. Apply Mount-Quick Aqueous mounting medium to flow over and fully cover the tissue section.
- 4. Install coverglass, one edge first, allowing air bubbles to escape as the opposite edge is lowered to slide.
 - a. See Procedure Note #1.
- Wipe off excess mounting medium from sides and bottom of slide.
 a. See Procedure Note #2.
- Dry slide in a horizontal position. Edges of the coverslip will dry sufficiently to hold the coverslip in place.
- Prevent dried edges and accumulation of extraneous air bubbles that may form due to evaporation and long-term storage by sealing coverglass edges with a thin coat of clear nail polish/lacquer. Allow sealed slide to dry thoroughly before filing.

PROCEDURE NOTES:

- In lipid staining procedures, use minimal pressure when applying coverslip or fat/lipid staining may be displaced.
- To remove trapped air bubbles under coverslip; soak slide in warm water until coverslip is easily removed. Blot excess water from slide and remount with new coverslip and Mount-Quick Aqueous.
- Mount-Quick Aqueous refractive index (1.41) is close to that of glass (1.52).

REFERENCES:

- Bancroft, John D., and Marilyn Gamble. Theory and Practice of Histological Techniques. 6th ed. Oxford: Churchill Livingstone Elsevier, 2008. 693.
- Carson, Freida L., and Christa Hladik Cappellano. Histotechnology: A Self-Instructional Text. 4th ed. Chicago: ASCP Press, 2015. 131-132, 183-185.
- 3. Modifications developed by Newcomer Supply Laboratory.

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