

Technical Data Sheet

Tissue Tack Adhesive

Catalog #71301

Background:

Loss of sections during lengthy histochemical procedures causes frustration and diagnostic delays.

Tissue Tack is an acrylic-based adhesive which has been used successfully to attach JB-4 sections to slides when conventional section adhesives have proved to be inefficient.

Procedure:

Application of Tissue Tack in the following method allows for the effective demonstration of immunofluorescent and immunoperoxidase staining. This adhesive is also applicable to the Esterbauer and Nohammer modification of the DDD test.

1. Dry microtomed JB-4 sections onto a clean glass slide.
2. A small perforation should be made in the JB-4 plastic around the perimeter of the tissue section, to expose the glass. Searing the edges of the plastic with a hot instrument provides additional mechanical adhesion.
3. Using an applicator stick, apply a small amount of Tissue Tack, covering the perforated area of the JB-4 section.
4. Quickly smear the adhesive in the direction away from the section to form a thin film over the slide. (This procedure should be performed under a fume hood.)
5. Air dry for a few minutes in the fume hood, until the adhesive is clear and not sticky.
6. Proceed with desired procedures. Tissue Tack becomes soft and tacky when it is subjected to strong alkalis and solvents, and adheres to the glass slide, but not to the JB-4. It can be removed after the staining techniques.

CAUTION:

Prolonged exposure can cause irritation to eyes, skin, and respiratory tract. Wear protective glasses and gloves. Use only with adequate ventilation. Keep the container tightly closed.