



Helping those who help patients

Product Specification Sheet: SoftCUT, item 4050BTL

Product Use: Softening agent that breaks down the fibrous structural protein found in hair, nails, hoof, feather and skin containing keratin. Also improves microtomy sectioning on thyroid blocks. To be used as a pretreatment and/or for use on paraffin tissue blocks in histology. Not intended for food, drug, cosmetic or household use.

Directions pretreatment:

1. After fixation is complete soak specimen in SoftCUT, 30 minutes for specimens less than 0.5cm and 1+ hours for specimens larger than 0.5cm.
2. Process specimen via normal protocol.
3. For best results use SoftCUT as directed below on paraffin block during microtomy.

Directions for treat of paraffin block during microtomy:

1. Face in paraffin block, turn block upside down and coat with SoftCUT (5-10 drops)
2. Allow block to sit 20-30 minutes (thin specimens may be ready faster but longer times will eliminate more issues)
3. Wipe block clean with towel or gauze
4. Cut/section block using slow, smooth constant pressure on microtome wheel
5. Allow slide to air dry for 4-6 hours. If heat is desired lay slide on the back of the water bath. Note if the tissue 'feels' abnormal during sectioning, allow to air dry for up to 24 hours to promote complete adhesion with the microscope slide.
6. DO NOT DRY SLIDE IN OVEN. Excessive drying in oven can cause the edges of the specimen to curl, which will cause sections to float during staining.
7. Place in oven for no more than 15 minutes prior to staining to soften paraffin.
8. Stain as normal

Advantages:

1. Keratinized samples cut and stain with greater ease.
2. Alleviates sections from folding, curling on slide, thereby reducing the number of lost sections during staining.
3. SoftCUT is not a decalcification solution or acid. It will not harm specimen morphology.
4. Does not negatively impact special stains or IHC staining.

Hazards: Harmless-use normal precautions. Irritant X

Handling: Gloves, glasses and adequate ventilation.

Storage: Store at room temperature. Keep container closed. AH4g (hazard/handling/storage codes)

13000 S. Tryon Street, F297
Charlotte, NC 28278-7602

www.pathsupply.com

800-631-3556