

## Thermo Scientific™ Shandon Cryomatrix™ Frozen Embedding Medium Instructions for Use

1. Cover the surface of the specimen holder with a thick layer of Cryomatrix™ frozen embedding medium.
2. Position and orient tissue on holder and press lightly to eliminate air bubbles beneath the tissue.
3. Apply additional Cryomatrix frozen embedding medium until the tissue is surrounded.
4. Freeze tissue to holder in usual manner until tissue and medium are firm. The color of the medium will lighten considerably but will still be easily identifiable.
5. Section in usual manner.
6. No special procedure is required to remove Cryomatrix frozen embedding medium from sections; it will dissolve in alcohol or aqueous solutions during the staining procedure.
7. To remove specimen from holder for further processing, dissolve medium and immediately place specimen in fixative.
8. To avoid vacuole formation within the cells (sometimes referred to as "freeze artifact") it is best to freeze tissues as rapidly as possible. Tissues allowed to freeze slowly have sufficient time for the formation of ice crystals within the cells. These ice crystals expand inside the cells. When the ice crystals melt during staining, large holes or vacuoles remain inside the cells.

### Warnings and Precautions

See Material Safety Data Sheets for warnings and precautions, as well as R & S code definitions.  
See container label for warnings and precautions.

### Order Information

Product	Size	Qty	Ref
Cryomatrix	120mL	4/pk.	6769006

