

CryoCompound (freezing medium)

Instruction For Use

These instructions apply to the WellMed Aquila OCT freezing mediums.

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1: Intended Use

For Research Use Only

WellMed CryoCompound freezing medium, is intended for freezing medium.

2: Summary and explanation

WellMed CryoCompound freezing medium is an aqueous based frozen tissue embedding medium designed to support tissue blocks in cryostat sectioning. Formulated to promote rapid freezing, enhanced sectioning and consistent results at a working temperature of -20° C.

3: Kit components

CryoCompound, freezing medium, (ready-to-use)

4: Availability

| Catalog Number | Contents | Volume |
|----------------|---|-----------|
| 1620-C | CryoCompound (color; transparant/colorless) (ready-to-use) | 100 ml |
| 1620-B | CryoCompound (color; Blue) (ready-to-use) | 100 ml |
| 1620-R | CryoCompound (color; Red) (ready-to-use) | 100 ml |
| 1620-Y | CryoCompound (color; Yellow) (ready-to-use) | 100 ml |
| 1620-G | CryoCompound (color; Green) (ready-to-use) | 100 ml |
| 1620-MOSH | CryoCompound (color; blue/red/yellow and green) MOHS (ready-to-use) | 4x 100 ml |

5: Usage

1. Place few drops of CryoCompound (depends on the size of the sample to be embedded) onto the center of the bottom of cryomold. Be careful to select the proper size embedding mold according to the size of the sample to be embedded.
2. Try to avoid the formation of air bubbles. Remove any bubbles inside the CryoCompound. This is important because the air bubbles will create problems when cutting sections. Air bubbles create freeze- thaw-freeze cycle and ice crystal will form inside of it and result in a very bad morphology due to the ice crystal artefact.
3. Let it settle for 15-30 seconds to allow the CryoCompound to completely wet the surface of the tissue. Hardening of the CryoCompound included the sample (it will happen in 0.5-1 minute) before preparing the CryoCompound-sample-block.

6: Storage

Store at room temperature. Do not use after expiration date.

7: Warnings and precautions

Refer to SDS.

8: Troubleshooting

Please contact WellMed by phone or by email.