

## Tissue Freezing Medium

*Freeze Tissue Quickly With No Crystallization And Less Curling – support tissues for cryotomy*

### Product Description

**Catalog #:** Q9375A, 118ml(1oz) Q9375B, 12x118ml

**Name:** **TFM Tissue Freezing Medium**

an advanced formulation that is designed to support tissue during cryotomy

Also available as colored formulations (for sample differentiation)

Tissue Freezing Medium, yellow #B34VA1, 4x118ml, or #B34VA2, 4x4x118ml

Tissue Freezing Medium, green #B34V81, 4x118ml, or #B34V82, 4x4x118ml

Tissue Freezing Medium, red #B34V91, 4x118ml, or #B34V91, 4x4x118ml

Tissue Freezing Medium, blue #B34V71, 4x118ml, #B34V72, 4x4x118ml

**Physical Appearance :** Liquid

**Storage:** Room temperature <sup>(Z)</sup> - Stable for 2 years

For Research Use Only

### Introduction

TFM Tissue Freezing Medium is an advanced formulation that is designed to support tissue during cryotomy.

It freezes tissue quickly without promoting crystallization even at the most extreme temperatures.

TFM enables precise cutting with support for cryo-sectioning at 3 microns.

Available in 5 different colors, TFM Tissue Freezing Medium enables histo-technologists to use color to easily differentiate between multiple sections.

### Features and Benefits

- **Freezes Quickly**

This unique and robust formula freezes quickly; supporting tissue for cryo-sectioning at 3 $\mu$  and up with no cracking of the matrix at temperatures from -8°C to -25°C.

- **No Crystallization**

TFM will not crystallize at extreme temperatures, meaning fewer ice artifacts to contend with.

- **Less Curling**

The enhanced formula means there will be less curling. Sections will flow freely under an anti-roll device, allowing flat sections and easier pick-up from the knife edge.

- **Reduced Water Content Minimizes Freeze Fracture**

The reduced water content eliminates freezing chatter and does not cause autofluorescence.

- **Color Variety Makes Differentiating Multiple Specimens Easy**

Color makes differentiating multiple specimens easy during sectioning and staining. Most histo-technologists currently use clear, but now there are 5 colors to make differentiating between multiple specimens easier.

- **Easily Removed During Fixation & Staining Procedures Without Residue**

TFM can be washed away during fixation and easily rinsed prior to staining stages. It will not leave color residue.

Drying or fixing the slides in the cryostat for specific procedures will not affect the quality of the freezing medium.

FT-Q9375A

## Operating

Follow your usual procedure with OCT compound or any other Tissue Freezing medium.

## Safety

Non hazardous product

□

## Additional information – comparison to Sakura TissueTek OCT compound

The Tissue tek OCT compound formulation #Q93751-4583 has a higher viscosity and tends to be firmer when cutting.

## Related products and documents

### •ImmunoFluorescent and ImmunoHistology microscopy reagents<sup>1</sup>:

[Ask](#) for biosamples fixatives, calibration beads, saturating agents, primary and secondary antibodies, antifading agents,...

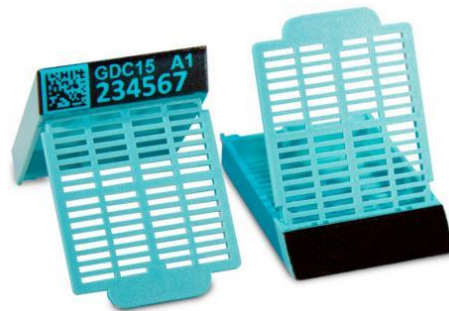
### •Grossing<sup>1</sup>:

perform gross examination and preparation of tissue samples quickly and accurately, with shortest turnaround.

[Ask](#) for biopsy devices, specimen cassettes for microscopy and other devices or instruments (cassette printer, fume hoods,...) for microscopy labs.

### Biopsy and Tissue Cassettes :

high-density acetal polymer cassettes are specially designed to hold biopsy specimens for processing, embedding and storage. Large-hole, small-hole and chambered styles feature integral one-piece lids that lock securely, yet can be opened, closed and re-locked.



### TMD Tissue Marking Dyes

TMD's formulations deliver consistent and durable pigments that permanently mark tissue throughout tissue processing. With TMD, tissue marking is now a one-step process - there is no need for a separate mordant/fixative as TMD includes fixative in the dye formulation itself. TMD dries quickly and allows precise and reliable definition of tissue margins



## Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>. Please inquire for higher quantities (availability, shipment conditions).

Please contact InterBioTech – Interchim for any other information

Hotline : +33(0)4 70 03 73 06 – [Interbiotech@interchim.com](mailto:Interbiotech@interchim.com)

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