

# Marking Dyes for Tissue

Catalog Numbers: 24108, 24772, 24109, 24110, 24111, 24112, 24113, 24117, 24120

## BACKGROUND AND ADVANTAGES

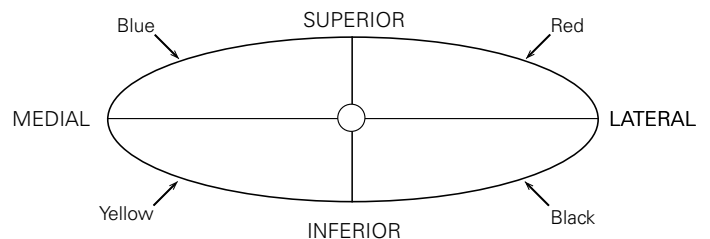
Our Marking Dyes for Tissue are designed to perfect orientation of excised surgical specimens, which is highly beneficial to surgeons and pathologists testing for skin cancer. This method of marking multiple margins of specimens was originally documented by Dr. Frederic Mohs. Tissue marking dyes also permit more than one specimen to be processed in a single cassette, saving the researcher both time and materials.

## NOTES

- Use this method on specimens where the chance of malignancy is very small.
- Usual method is to apply the dyes to fresh tissue, but they are successfully used with formalin fixed tissue. Tissues must be dried by blotting or wiping fluids from the tissue surface prior to applying the dye. Small amounts of the dyes are applied with the enclosed wooden sticks or similar applicator. Larger surfaces may require cotton swabs.
- Dyes will bind permanently to the tissue surface within 1 to 2 minutes when allowed to air dry. Freezing or formalin fixation will not interfere with the dye performance. Re-cap bottles after use to prevent dehydration.

## PROCEDURE

1. Obtain tissue marking dyes and applicators  
**(Dyes have a tendency to settle over time. For best results, shake dyes prior to use.)**
2. Obtain tissue specimen
3. Blot dry specimen
4. Trim specimen into desired sections, if applicable
5. Apply appropriate marking dye to excised specimen (according to your specimen legend) **(DO NOT APPLY DYES DIRECTLY ON SKIN; THEY ARE PERMANENT DYES AND WILL CREATE A TATTOO ON SKIN IF APPLIED)**
6. Use the enclosed wooden sticks or similar applicator to apply small amounts of the dye. Larger surfaces may require cotton swabs. *(Dyes will bind permanently to the tissue surface within 1 to 2 minutes when allowed to air dry.)*
7. Proceed with processing procedure for fresh or frozen tissue. *(Re-cap bottles after use to prevent evaporation.)*



## ORDERING INFORMATION

Cat. #	Description	Size
24108	Marking Dye Kit for Tissue (5-Color)	1 Kit
24772	Marking Dye Kit for Tissue (7-Color)	1 Kit

## RELATED PRODUCTS - REPLACEMENT BOTTLES

24109	Marking Dyes for Tissue - Red	2 or 8 oz bottle
24110	Marking Dyes for Tissue - Green	2 or 8 oz bottle
24111	Marking Dyes for Tissue - Blue	2 or 8 oz bottle
24112	Marking Dyes for Tissue - Yellow	2 or 8 oz bottle
24113	Marking Dyes for Tissue - Black	2 or 8 oz bottle
24117	Marking Dyes for Tissue - Orange	2 or 8 oz bottle
24120	Marking Dyes for Tissue - Purple	2 or 8 oz bottle

Visit [Polysciences.com](http://Polysciences.com) anytime to place an order.

Should any of our materials fail to perform to our specifications, we will be pleased to provide replacements or return the purchase price. We solicit your inquiries concerning all needs for life sciences work. The information given in this bulletin is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.