



Michel's Wash Solution

- Intended Use -

Michel's Wash Solution is designed to fix tissues for Immunofluorescent or Immunohistochemical antibody techniques.

- General Information -

Michel's Wash Solution and Michel's Transport Media are formulated for the fixation and transport of tissue specimens to be examined by Immunofluorescent or Immunohistochemical Antibody techniques. These reagents are designed to fix tissues to be transported and later studied for tissue-bound immunoglobulins, disposition of immune complexes and for labile and sensitive tissue epitopes. Michel's Wash Solution and Transport Media preserve the antigenicity of immunoglobulins and immune deposits to be detected by Immunofluorescent or Immunohistochemical Antibody Techniques. The sensitivity of detection of immune deposits following the use of these reagents approached that found with Immunofluorescent techniques used on freshly frozen tissues. Selected labile epitopes destroyed by traditional fixatives, such as formalin, are also preserved for detection by Immunofluorescence or Immunohistochemistry.

- Fixation Procedure -

Procedure for Fixation of Tissues for Immunochemistry

Procedure for the Physician:

1. Obtain tissue biopsy without crushing specimen.
2. Place tissue biopsy immediately in Michel's Transport Media.
3. Screw cap on securely.
4. Complete the "Pathology Request" with appropriate information.

Procedure for the laboratory:

1. Upon receipt in the laboratory, the tissue biopsy is removed carefully from the Michel's Transport Media and placed in 30mL of Michel's Wash Solution.
2. Wash the tissue biopsy with gentle agitation in Michel's Wash Solution for 10 minutes.
3. Repeat this washing process twice in 30mL of Michel's Wash Solution. Each time for 10 minutes.
4. Remove the tissue biopsy, blot excess liquid, and snap freeze in a mounting medium, such as UltraFreeze™.
5. Cut tissue sections by cryostat microtome techniques and perform the Immunofluorescent or immunohistochemical stains by the usual procedures for snap frozen fresh tissue biopsies.
6. Prior to microtome sectioning in a cryostat, tissue biopsy specimens may remain frozen indefinitely at -70°C in mounting medium, such as UltraFreeze™, as long as the specimen is appropriately sealed to prevent desiccation.

- Staining Procedure -

Perform immunochemical staining procedure according to the manufacturer.

- Packaging -

<u>Catalog#</u>	<u>Volume</u>
FX4112	Michel's Wash Solution, 1 Gallon
FX4113	Michel's Wash Solution, 100mL
FX4114	Michel's Wash Solution, 500mL