



# Michel's Transport Media

## - Intended Use -

Michel's Transport Media is designed for transport of tissues intended to fix tissues for Immunofluorescent or Immunohistochemical antibody techniques.

## - General Information -

Michel's Transport Media and Michel's Wash Solution 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 Transport Media and Michel's Wash Solution preserve the antigenicity of immunoglobulins and immune deposits to be detected by Immunofluorescent or Immunohistochemical Antibody techniques. The sensitivity and detection of immune deposits following the use of these reagents approaches 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 immediate 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 in a cryostat and perform the Immunofluorescent or Immunohistochemical stains by the usual procedures for snap frozen fresh tissue biopsies.
6. Prior to 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 -

| Catalog#               | Volume                   |
|------------------------|--------------------------|
| <b>Transport Media</b> |                          |
| FX1046-500             | 500mL                    |
| FX1046M                | 1000mL                   |
| FX1046                 | 1 Gallon                 |
| FX1046-20              | 20mL x 32/bx (15mL Fill) |
| FX1046-96              | 20mL x 96/cs (15mL Fill) |
| FX1046-7               | 7mL x 100/cs (5mL Fill)  |
| <b>Wash Solution</b>   |                          |
| FX4114                 | 500mL, Wash Solution     |
| FX4113                 | 1000mL, Wash Solution    |
| FX4112                 | 1 Gallon, Wash Solution  |