



ImmunoChem•Fix Kit™

Intended Use

ImmunoChem•Fix Kit™ is designed to fix tissues for Immunofluorescent or Immunohistochemical antibody techniques.

General Information

ImmunoChem•Fix™ and ImmunoChem•Wash™ 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. ImmunoChem•Fix™ and ImmunoChem•Wash™ 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 approaches that found with Immunofluorescent techniques used on freshly frozen tissues. Selected labile epitopes destroyed by traditional fixatives, such as formulin, are also preserved for detection by Immunofluorescence or Immunohistochemistry.

Packaging

Catalog #	Volume
3000	5mL x 6/cs
3010	120mL x 4/cs
3020	Kit – 1 each

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 ImmunoChem•Fix™.
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 ImmunoChem•Fix™ and placed in 30mL of ImmunoChem•Wash™.

2. Wash the tissue biopsy with gentle agitation in ImmunoChem•Wash™ for 10 minutes.
3. Repeat this washing process twice in 30mL of ImmunoChem•Wash™. Each time for 10 minutes.
4. Remove the tissue biopsy, blot excess liquid, and snap freeze in a mounting medium, such as Freeze Mount™.
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 Freeze Mount™, as long as the specimen is appropriately sealed to prevent desiccation.

Staining Procedure

Perform immunochemical staining procedure according to manufacturer.