

Biopsy Fix

Catalog #0250

Intended Use

Biopsy Fix™ is a fixative especially formulated for biopsy specimens. It fixes tissues with the histologic advantages of a coagulant and a non-coagulant fixative. It is intended to be used for biopsies of all tissue types. It is excellent for needle biopsies of prostate.

General Information

Biopsy Fix™ is a fixative especially formulated for biopsy specimens. It fixes tissues with the histologic advantages of a coagulant and a non-coagulant fixative. Biopsy Fix™ produces excellent fixation of nuclei and nucleochromatin; cytoplasm stains brightly with eosins; and cytoplasmic granules are bright and distinct. This fixative is particularly suited for biopsies from the gastrointestinal, genitourinary, pulmonary and gynecological tracts. All special stains are compatible with this fixative, and immunological reactivity is preserved as well as or better than with neutral buffered formalin alone. This is an ideal all round fixative for small diagnostic biopsies.

Packaging

Catalog #	Volume
0240	½ oz, 100/cs
0245	1 oz, 100/cs
0250	2 oz, 100/cs
0260	1 gal

Fixation Procedure

Biopsy Fix™ is a coagulative and non-coagulative fixative. It fixes extensively the nuclear and cytoplasmic components of the mucosa, submucosa, and muscularis of organ tracts. The following information is relevant to the use of Biopsy Fix™.

1. Specimen biopsies should promptly be placed in Biopsy Fix™. No dilution or addition of other agents is necessary before use.
2. Biopsy Fix™ should generally be used the same way one uses 10% neutral buffered formalin as a fixative.
3. Biopsies should be fixed in Biopsy Fix™ for at least one hour before processing.
4. Over fixation is not a problem; however, it is a good idea not to fix tissues in Biopsy Fix™ for more than one week.
5. Following fixation, washing of the tissue is not necessary.
6. Fixed tissue should be processed by the same routine schedule used for formalin-fixed tissue.
7. The schedule for staining sections from tissues fixed with Biopsy Fix™ is the same as that used for formalin-fixed tissues. See the following staining schedule.
8. Disposal of Biopsy Fix™ should be the same as that used for formaldehyde in your laboratory. Biopsy Fix™ contains no mercury.

Staining Procedure

BBC RECOMMENDED AUTOMATED AND MANUAL HISTOLOGY STAINING PROCEDURE FOR HARRIS HEMATOXYLIN AND EOSIN

*Initially deparaffinize tissue sections with BBC S1™ or Xylene

Step *	Solution	Time
1.	100% Alcohol.....	20 seconds
2.	100% Alcohol.....	20 seconds
3.	95% Alcohol.....	20 seconds
4.	95% Alcohol.....	20 seconds
5.	70% Alcohol.....	20 seconds
6.	Running H ₂ O Wash	30 seconds
7.	BBC Harris Hematoxylin.....	3-5 minutes
8.	Running H ₂ O Wash	1 minute
9.	BBC Acid Wash•Histo™ or BBC Acid Alcohol•Histo™	1 minute
10.	Running H ₂ O Wash	1 minute
11.	BBC Blueing Solution•Histo™	15 seconds
12.	Running H ₂ O Wash	1 minute
13.	70% Alcohol.....	30 seconds
14.	BBC Special Eosin I™ or II™, or Eosin Y, or Eosin Y with Phloxine B	45 seconds
15.	BBC S2•Histo™	20 seconds
16.	BBC S2•Histo™	20 seconds
17.	BBC S2•Histo™	20 seconds
18.	BBC S2•Histo™	20 seconds
19.	BBC S2•Histo™	20 seconds
20.	BBC S3•Histo™ or Xylene	20 seconds
21.	BBC S3•Histo™ or Xylene	30 seconds
22.	BBC S3•Histo™ or Xylene	30 seconds
23.	Mount and coverslip with Optic Mount I™ or an appropriate mounting medium.	

Note: Each of these reagents can be intermixed and used with other staining sequences and other manufacturer's reagents.