



Cal•Fixä

Intended Use

Cal•Fix™ is designed to fix fresh calcified osseous tissues and simultaneously decalcify the specimen. Cal•Fix™ is best suited for small specimens of bone.

General Information

Cal•Fix™ is an acid decalcifier and rapid fixative. It is designed to be used on fresh or fixed tissues. It preserves tissues with a minimum of lysis erythrocytes and sub cellular granules. It performs best on small tissue specimens that can be decalcified within several hours.

Packaging

Catalog #	Volume
6025	1 pt
6026	1 qt
6027	1 gal

Fixation Procedure

- Place the fresh or fixed tissue in Cal•Fix™.
- Leave for several hours until tissue is no longer impervious to penetration by a sharp probe.
- Following fixation and decalcification, tissues can be washed if desired for a few minutes in running tap water but that is not necessary.
- Tissues may then be placed in any holding fixative or directly on the tissue processor for tissue processing.
- Process according to your routine processing schedules.

Staining Procedure

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

- Tissues fixed in Cal•Fix™ should be stained with routine staining times.

*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
17.	BBC S2•Histo™	20 seconds
18.	BBC S2•Histo™	20 seconds
19.	BBC S2•Histo™	20 seconds
20.	BBC S2•Histo™	20 seconds
21.	BBC S3•Histo™ or Xylene	20 seconds
22.	BBC S3•Histo™ or Xylene	30 seconds
23.	BBC S3•Histo™ or Xylene	30 seconds
24.	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.