



Processor Fix 1TM & 2TM

Intended Use

Processor Fix 1TM and 2TM are designed specifically for use on processors to enhance fixation. They help eliminate inadequate fixation due to shortened processing times. Processor Fix 1TM and 2TM are formulated to fix fatty tissues to improve dehydration and clearing, and they will not precipitate in processor lines. Processor Fix 1TM and 2TM are compatible with all primary fixatives and dehydrating agents.

General Information

Processor Fix 1TM and 2TM are rapid fixatives designed to be used in the initial stations on the tissue processors. They fix tissues more rapidly than 10% formalin alone, and they produce enhanced histologic results. Fatty tissues, such as breast and bowel are fixed more rapidly than with 10% formalin alone. Immunogenicity of tissue antigens is also maintained as compared with 10% neutral buffered formalin-fixed tissues. Processor Fix 1TM and 2TM are compatible with all dehydrating reagents and are designed not to precipitate in the flow line of processors. They are compatible with all other fixatives that may have been used previously as primary fixatives. Tissues will not over fix in Processor Fix 1TM, and they may remain in this fixative for up to two weeks without deleterious histologic results. Tissues left in Processor Fix 1TM on the tissue processor demonstrate consistently excellent immunochemical results. Processor Fix 1TM and 2TM are the fixatives of choice for you to use sequentially on your tissue processor.

Packaging

Catalog #	Volume
0182	4x1 gal (Processor Fix 1 TM)
0185	5 gal cube (Processor Fix 1 TM)
0186	5 gal carboy (Processor Fix 1 TM)
0192	4x1 gal (Processor Fix 2 TM)
0195	5 gal cube (Processor Fix 2 TM)
0196	5 gal carboy (Processor Fix 2 TM)

Fixation Procedure

1. Processor Fix 1TM and 2TM are to be used in the first and second stations, respectively, of the tissue processors. They are to be used in sequence as specified in the BBC Suggested Processor Schedules. They are available upon request.
2. In general, the fixation in Processor Fix 1TM is usually one hour; however, this can vary depending upon the entire processor time. Prolonged fixation up to one week in Processor Fix 1TM is acceptable without any deleterious effects. Fixation in Processor Fix 2TM should be limited to a maximum of 1-2 hours; its enhancement effects are completed within the one-hour time.
3. Disposal of Processor Fix 1TM and 2TM should be the same as that used for fixatives containing formaldehyde.

Staining Procedure

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

*Initially deparaffinize tissue sections with BBC S3-HistoTM 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	4-5 minutes
8.	Running H ₂ O Wash	1 minute
9.	BBC Acid Wash•Histo TM	1 minute
	or BBC Acid Alcohol•Histo TM	2-3 seconds
10.	Running H ₂ O Wash	1 minute
11.	BBC Blueing Solution•Histo TM	15 seconds
12.	Running H ₂ O Wash	1 minute
13.	70% Alcohol.....	30 seconds
14.	BBC Special Eosin I TM or II TM , or Eosin Y, or Eosin Y with Phloxine B	1 minute
15.	BBC S2•Histo TM	20 seconds
17.	BBC S2•Histo TM	20 seconds
18.	BBC S2•Histo TM	20 seconds
19.	BBC S2•Histo TM	20 seconds
20.	BBC S2•Histo TM	20 seconds
21.	BBC S3•Histo TM or Xylene.....	20 seconds
22.	BBC S3•Histo TM or Xylene.....	30 seconds
23.	BBC S3•Histo TM or Xylene.....	30 seconds
24.	Mount and coverslip with Optic Mount I TM or an appropriate mounting medium.	

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