



# P1™, P2™, and P3™

Catalog #4400

## Intended Use

P1™, P2™, and P3™ are dehydrating agents specifically designed to produce rapid and gentle dehydration of tissues. Special additives guard against the removal of tissue-bound water and help minimize cell shrinking. P1™, P2™, and P3™ are compatible with all fixatives and clearants and can be used on all processors.

## General Information

P1™, P2™, and P3™ are dehydrants designed for rapid yet gentle dehydration of tissue blocks during processing. They dehydrate even the most fatty tissues, such as freshly cut breast and bowel. Lipids from lipoprotein-containing tissues, such as cell membranes, are not excessively removed. Yet the proper amount of unbound water, and the correct amount of tissue-bound water is retained. This results in the capability to process large tissue blocks along with small tissue biopsy specimens. Large and small specimens can then be cut easily without shattering or excessive cooling in chilled water.

P1™, P2™, and P3™ can be easily distilled, or it can be disposed of down the drain; consult your local wastewater disposal authority for instructions. The combination of rapid dehydration, proper removal of water, and ease of cutting of blocks, results in high quality tissue sections and low cost.

These are the dehydrants of choice for your routine processing of tissue blocks, particularly when those blocks are incompletely fixed prior to dehydration.

## Packaging

Product	Catalog #	Volume
(P1)	4412	4x1 gal
(P1)	4413	5 gal
(P2)	4422	4x1 gal
(P2)	4423	5 gal
(P3)	4432	4x1 gal
(P3)	4433	5 gal

## Staining Procedure

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

\*Initially deparaffinize tissue sections with BBC S3•Histo™ 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 <sub>2</sub> O Wash.....	30 seconds
7.	BBC Harris Hematoxylin .....	3-5 minutes
8.	Running H <sub>2</sub> O Wash .....	1 minute
9.	BBC Acid Wash•Histo™ .....	1 minute
	<b>or</b> BBC Acid Alcohol•Histo™ .....	2-3 dips
10.	Running H <sub>2</sub> O Wash.....	1 minute
11.	BBC Blueing Solution•Histo™ .....	15 seconds
12.	Running H <sub>2</sub> O Wash.....	1 minute
13.	70% Alcohol.....	30 seconds
14.	BBC Special Eosin I™ or II™, <b>or</b> Eosin Y, <b>or</b> Eosin Y w/ 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™ or Xylene.....	20 seconds
21.	BBC S3™ 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.