



# Cyto•Clot™

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## Intended Use

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Cyto•Clot™ is a protein solution designed to aggregate and entrap cells and tissue fragments from fixative solutions or from body fluid preparations.

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## General Information

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Cell or tissue preparations can be fixed or unfixed. They are usually concentrated by centrifugation.

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## Packaging

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Catalog #	Volume
2251	60 mL dropper bottle

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## Fixation Procedure

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- Following centrifugation re-suspend the cell pellet with saline, phosphate buffered saline, or the fluid supernatant remaining on top of the cell pellet.
- Following re-suspension, add three or four drops of Cyto•Clot™ into the re-suspended cells or tissue fragments.
- Add three or four drops of an appropriate fixative such as FNA Cell Block Fix™ or Cyto•Cell Block Fix™ into the specimen suspension containing Cyto•Clot™. Any fixative can be used; however, FNA Cell Block Fix™ or Cyto Cell Block Fix™ is best for this purpose.
- The cell suspension and Cyto•Clot™ should immediately precipitate and be available for placement into a filter bag or filter paper for processing. The precipitated and aggregated specimen can be manually aspirated or scraped onto an appropriate filter device for processing.
- Fold the paper to encase the specimen, enclose it in the cassette, and put it in Cyto•Cell Block Fix, FNA Cell Block Fix or other fixatives and give it to the histology department for routine tissue processing.
- The aggregated specimen should be placed in a plastic tissue cassette for processing and embedding in paraffin or an appropriate embedding medium. Put the cassette into Cyto•Cell Block Fix, FNA Cell Block Fix or other fixative, and give it to the histology department for routine tissue processing.

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## Staining Procedure

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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 <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™ 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.