



# Cyto•Port™

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## Intended Use

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Cyto•Port™ is designed for transporting body fluids, fine needle aspirates, mucoid specimens, and superficial scrapings and brushings.

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## General Information

Cyto•Port™ is a fixative with a balanced salt solution designed to transport non-gynecological specimens to the laboratory. It is designed as a transportation medium for specimen preparation prior to processing. It is not intended to completely inactivate microbial organisms or viruses. Cyto•Port™ is for use with non-gyn specimens including fine needle aspirates, mucoid specimens, body fluids, that includes serous infusions, urine, cerebro spinal fluids, respiratory and gastrointestinal specimens. Superficial brushings and scrapings from nipple secretions, oral cavity specimens, skin lesions, and eye brushings can also be placed in Cyto•Port™ for transportation. It is often best, however, to prepare fixed cell spreads and air-dried cell spreads from oral cavity specimens, nipple secretions, skin lesions, and eye brushings, at the time of collection.

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## Packaging

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Catalog #	Volume
8601	5mL x 50/cs
8602	½oz x 50/cs
8603	1oz x 50/cs
8604	2oz x 50/cs
8605	1 qt
8610	1 gal

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## Transportation / Fixation Procedure

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### I. Fine Needle Aspirates

- A. Fine needle aspirates may be collected directly into 30mL Cyto•Port™. Sample may be flushed from the needle and syringe directly into Cyto•Port™, and a sterile anti-coagulant may be used prior to aspirating the sample.
- B. If possible cell spreads, both fixed and air-dried, should be prepared at time of sample collection.
- C. Specimen collected directly into Cyto•Port™ should be transferred to the laboratory for further processing.

### II. Mucoid Specimens

- A. Mucoid specimens are usually gastrointestinal aspirates or respiratory aspirates. Collect samples and place directly into 30mL Cyto•Port™. Samples larger than 20mL should be placed into larger volumes of Cyto•Port™ or concentrated prior to the addition of Cyto•Port™.
- B. Transport the specimen to the laboratory for further processing.

### III. Body Fluids

- A. Body fluids usually include pleural and peritoneal infusions, cerebro spinal fluids and urine. Place body fluids into at least twice the volume of Cyto•Port™.
- B. For extremely bloody fluids, place the body fluid into four (4) times the amount of Cyto•Port™.
- C. Transport the specimen to the laboratory for further processing.

### IV. Superficial scrapings and brushings

- A. Superficial scrapings and brushings generally are specimens from the oral cavity, skin lesions, nipple secretions, and eye brushings or scrapings.
- B. Place scrapings or brushings directly into Cyto•Port™.
- C. It is best to prepare cell spreads both fixed and air-dried at the time of collection in addition to placing additional material in Cyto•Port™ for transportation to the laboratory.
- D. Transport the specimen to the laboratory for further processing.

NOTE: 1. Occasionally a slight precipitate will form in Cyto•Port™ if specimens contain large amounts of protein.

2. Cyto•Port™ is not designed to be anti-microbial, anti-viral or anti-fungal.

3. Cyto•Port™ is intended to be a transportation medium. Further processing at the laboratory to produce cyto-spins, other thin spread cell preparations or cell block preparations can be made using techniques and fixatives appropriate for these kinds of preparations.

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## Staining Procedure

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BBC RECOMMENDED AUTOMATED AND MANUAL  
PAPANICOLAOU STAINING PROCEDURE FOR  
NON-GYN CYTOLOGIES  
(PROGRESSIVE HEMATOXYLIN STAINING)

<u>Step</u>	<u>* Solution</u>	<u>Time</u>
1.	95% Alcohol.....	30 seconds
2.	Running H <sub>2</sub> O.....	40 seconds
3.	BBC Gill's 1 Hematoxylin.....	2 minutes
	<b>or</b> BBC Gill's 2 Hematoxylin .....	1 minute
	<b>or</b> BBC Cyto•Hematoxylin™ .....	1 minute
4.	Running H <sub>2</sub> O.....	40 seconds
5.	BBC Blueing Solution•Cyto™ .....	1 minute
6.	Running H <sub>2</sub> O.....	1 minute
7.	95% Alcohol.....	30 seconds
8.	BBC OG-6 .....	1 minute
9.	95% Alcohol.....	50 seconds
10.	95% Alcohol.....	50 seconds
11.	BBC EA-65 .....	40 seconds
12.	95% Alcohol.....	25 seconds
13.	95% Alcohol.....	25 seconds
14.	BBC S2•Cyto™ .....	25 seconds
15.	BBC S2•Cyto™ .....	25 seconds
16.	BBC S2•Cyto™ or Xylene .....	30 seconds
17.	BBC S2•Cyto™ or Xylene .....	30 seconds
18.	BBC S2•Cyto™ or Xylene .....	30 seconds

\*Prior to staining, Non-Gyn cytology preparations fixed with a fixative containing Carbowax (polyethylene glycol 1450) should be placed for 10 minutes in 95% alcohol to remove the PEG.