

Instructions for Use

Cyto Cell Block Fix™



CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
CBF-32	Cyto Cell Block Fix, 1000mL (1 liter)	1 each
CBF0230	Cyto Cell Block Fix, 60mL prefills	96 per case

INTENDED USE

Cyto Cell Block Fix™ is designed to fix cells from body fluids for paraffin embedding.

GENERAL INFORMATION

Cyto Cell Block Fix™ is designed as a fixative for cells from body fluids. Cyto Cell Block Fix™ causes precipitation of protein and usually causes trapping of cells within the protein matrix present. Nuclei show crisp nuclear membranes with distinct nucleoli.

STORAGE AND STABILITY

Storage: Store in a well-ventilated place. Keep cool. Keep lid tightly closed when not in use. Store out of direct sunlight. Keep away from sources of ignition, heat and open flame.

Refer to SDS for details.

FIXATION PROCEDURE

1. Dampen a square of lens paper with Cyto Cell Block Fix™.
2. Inspect the fluid specimen and place any clotted material or tissue fragments on the lens paper and put to one side.
3. Centrifuge approximately 50 cc of the fluid to form a cell button at the bottom of the tube. Pour off the supernatant.
4. Vortex the cell button and remove aliquot for smears and/or liquid-based cytology preparations. A cell-block preparation is made from the remaining cell button.
5. Add approximately 15-20 cc of Cyto Cell Block Fix™ to the mixed cell button and vortex at least 10 seconds.
6. Let stand 5 minutes before centrifugation or filtering.
7. Centrifuge the coagulated specimen at high RPM (approximately 2000 rpm) for 10 minutes to compress the specimen into a dense, manageable mass. Pour off the supernatant and place compressed specimen into dampened filter paper (prepared in step 1) together with clotted material or tissue fragments previously set aside (step 2).
8. Alternatively, take the dampened filter paper and fold it into a funnel. Place funnel in a beaker and pour the precipitated specimen through the filter paper. Avoid pipetting specimen into filter paper as specimen may become trapped in the pipette. Rinse centrifuge tube thoroughly with Cyto Cell Block Fix™, washing down the sides, and add to the funnel.
9. Use spatula to scrape filtered specimen into ball together with clotted material or use tissue fragments previously set aside.
10. Encase the specimen in filter paper, enclose it in a cassette, and place cassette into Cyto Cell Block Fix™ or formalin ready for tissue processing.

Please contact tech@statlab.com with any additional questions.



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