



# **Body Fluids**

(Serous effusions, urinary and cerebrospinal fluids)



#### 1) Collection

Collect body fluids fresh.

#### Vote:

- Fluids collected in CytoLyt® solution require a CytoLyt solution wash prior to instrument processing.
- For extremely bloody fluids (i.e., pericardial), start with only 10ml of fresh fluid.
- Urine may be collected into PreservCyt® solution. A 2:1 urine-to-PreservCyt ratio is required. The use of the ThinPrep UroCyte urine collection kit is recommended.



### Concentrate by Centrifugation

(600 g for 10 minutes)



#### Pour Off Supernatant and Resuspend Cell Pellet

Resuspension can be done on a vortexor or may be achieved by syringing the pellet back and forth with a plastic pipette.

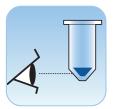






## 4) CytoLyt Solution Wash

- Add 30ml CytoLyt solution
- Centrifuge
- Pour off supernatant
- Resuspend cell pellet



# 5) Evaluate Cell Pellet Appearance

If cell pellet is not free of blood, add 30ml of CytoLyt and repeat from step 2.



#### 6) Add Specimen to PreservCyt Solution Vial



7) Allow to Stand in PreservCyt Solution for 15 Minutes.



8) Run on ThinPrep Processor Using Sequence 2 (FLU/FNA)

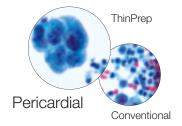
(Fix, stain, and evaluate)



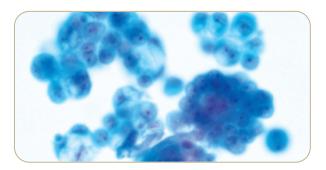
Refer to the ThinPrep processor operator's manual for detailed instrument and specimen preparation instruction.

See section D and E for details.

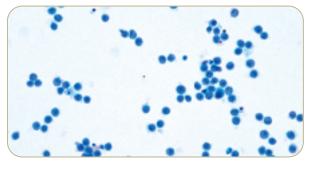




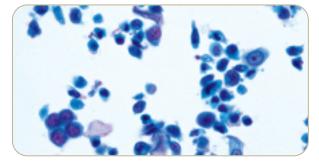
- Control cell preservation
- Standardized preparation
- Simplified slide screening



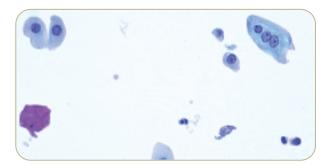




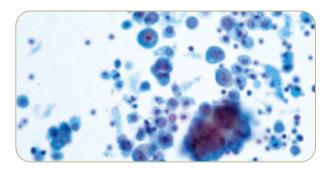
CSF 40x



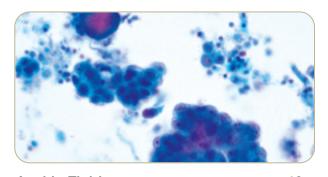
Bladder Wash 40x



Urine 40x



Pleural Fluid 40x



Ascitic Fluid 40x

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