

ThinPrep® UroCyt® Collection

Quick reference guide

(For use with urine cytology processing or slide-based molecular testing)

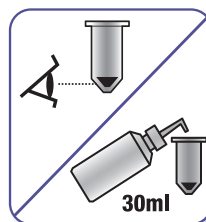
In order to perform UroCyt sample preparation on the ThinPrep® 2000 processor, additional software must be obtained. Please refer to the ordering information section of the manual or call Customer Service for more information.



1. Collection.

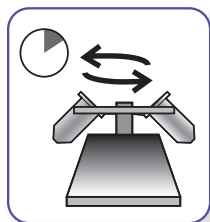
Collect urine directly into the ThinPrep® UroCyt® urine collection kit with PreservCyt® solution,* or process urine fresh.

Note: Fresh urine can be mixed with a 2:1 urine to ThinPrep® PreservCyt® solution ratio and stored for up to 48 hours before processing.



5. Evaluate cell pellet appearance.

If cell pellet is not free of blood, add 30ml of ThinPrep® CytoLyt® solution and repeat from step 4.



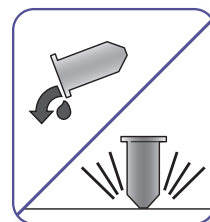
2. Concentrate by centrifugation.

- Transfer the sample evenly into two labeled 50ml centrifuge tubes.
- Centrifuge at 600g for 10 minutes or 1200g for 5 minutes.



6. Add the contents of a fresh PreservCyt solution vial (20ml) into the tube.

Vortex briefly to mix the solution and pour the entire sample back into the PreservCyt solution vial. Allow to stand in PreservCyt solution for 15 minutes.



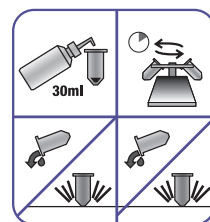
3. Pour off supernatant and resuspend cell pellet.

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



7. Run on either the ThinPrep® 2000 processor using Sequence 5 (UroCyt), ThinPrep® Genesis™ processor, ThinPrep® 5000 processor or ThinPrep® 5000 processor with AutoLoader using Sequence UroCyt.

Fix, stain, and evaluate.

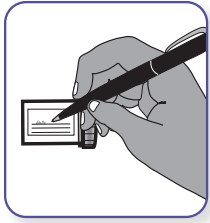


4. Add CytoLyt solution wash.

- Add 30ml of CytoLyt solution to one 50ml centrifuge tube and vortex. Transfer the contents of this tube into the second 50ml centrifuge tube and vortex. The specimen is now combined into one 50ml tube. The empty tube can be discarded.
- Centrifuge.
- Pour off supernatant.
- Resuspend cell pellet.

* If using the UroCyt urine collection kit, do not exceed a 2:1 ratio of urine to PreservCyt solution. If the urine volume collected exceeds 60ml, pour off excess. A minimum volume of 33ml of urine is required to perform the UroVysion® assay.

Instructions for using the ThinPrep® UroCyte® urine collection kit with PreservCyt solution.



1. On the specimen collection cup, record patient information in the space provided.



5. Tightly secure blue cap on specimen cup to prevent leakage. (Keep turning for another 1/4 inch after you hear the audible click.)

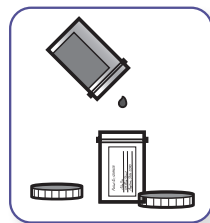


2. Collect urine in a routine manner. If urine volume exceeds 60ml, pour off excess. The total volume of urine must not exceed 60ml. A minimum of 33ml of urine is required to perform the UroVysion assay.



6. Place cup and absorbent pads into biohazard bag. Tightly seal bag.

Store between 4°C and 30°C (39°F–86°F). Preferred storage and shipping conditions are on ice packs (e.g., blue ice in Styrofoam™). Specimen must be processed within 48 hours. Transport the specimen according to your internal procedures.



3. After the urine is collected, carefully pour PreservCyt solution into specimen cup containing urine. Do not spill PreservCyt solution.

Please refer to ThinPrep, UroCyte, and PreservCyt instructions for complete instructions and information on limitations, warning, and precautions associated with the use of PreservCyt solution.

See your ThinPrep® Processor Operator's Manual for more information.

For technical support call 800-442-9892 - Option 1.

References: 1. MAN-02585-001 ThinPrep 2000 Processor Operator's Manual. Section 2: ThinPrep 2000 For Non-Gynecologic Use; Ch. 1; Section F pg. 1.23-1.25 2. MAN-05394-001 ThinPrep Genesis Processor Operator's Manual. Ch. 5; Section F pg. 5.22-5.24 3. MAN-06024-001 ThinPrep 5000 Processor Operator's Manual. Ch. 5; Section E pg. 5.19-5.21 4. MAN-06025-001 ThinPrep 5000 Processor with AutoLoader Operator's Manual. Ch. 5; Section C pg. 5.3-5.5

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