

PASADENA CYTO-PATHOLOGY LABORATORY, INC.
A MEDICAL CORPORATION

100 W. CALIFORNIA BLVD

Billing Inquiries: (626)397-3448

Tissue Information: (626)397-8616

Cytology Information: (626)397-8618

Fax Number : (626)397-2931

PASADENA, CA 91105

S. S. Murakami, M.D., Director (CLIA)

H. D. Slosser, M. D., Director

X. Wang, M.D., Ph.D., Director

D. Lu, M.D., Director

L. Wang, M.D., Director

COLLECTION AND SUBMISSION OF URINE FOR UROVYSION FISH TESTING

PRINCIPLE: Urine may be submitted for Fluorescent in-Situ Hybridization (FISH) studies by using the UroVysion ThinPrep Urine Collection Kit to collect, preserve and transport urine. Urine is collected in the specimen collection cup and PreservCyt Solution is added to preserve the cells and DNA in the sample. PreservCyt Solution exhibits bacteriostatic properties and prevents growth of organisms in urine specimens when used at a 2:1 ratio of urine to PreservCyt Solution at temperatures between 4°C and 30°C. FISH assay slides are prepared at Clariant Laboratories in Aliso Viejo, CA and interpreted at Pasadena Cyto-Pathology Lab.

Materials, Reagents and Equipment:

ThinPrep Urine Collection Kit

- Specimen collection cup (blue cap)
- 30 mL vial (white cap) PreservCyt Solution (methanol-based, buffered preservative solution)
- Absorbent pad
- Specimen transport bag

PROCEDURE: Urologist office/collection site

1. Collect a minimum of 33 mL of urine.
2. If urine exceeds 60 mL, pour off excess volume (total volume of urine should not exceed 60 mL).
3. Mix specimen thoroughly by inverting the specimen collection cup several times to ensure a homogeneous solution.
4. Immediately add PreservCyt to urine in collection cup, 2 parts urine to 1 part Preservcyt.
5. Total volume of fluid should not exceed 90 mL in the specimen collection cup.
6. Immediately store urine/PreservCyt mixture in the refrigerator (4°C) until ready for transport.
7. Transport to Cytology Lab **ASAP** on the day of collection.

****Note that decomposition of urine begins within 30 minutes****

****Clariant must be able to process specimen within 48 hours from the time of collection****