

SPECIMEN COLLECTION: Non-DOT Urine Drug Testing		
Prepared/revised by: J. Crowle, BS MT(ASCP)	Approved by:	
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The validity of urine drug screen results is dependent on specimen integrity. Urine sample collection procedures need to strike a balance between trusting patients and ensuring that specimens are not contaminated or falsified. While direct-observation collections provide specimens of the greatest credibility, non-witnessed collections can be effective if safeguards are in place to minimize the chance of adulterated specimens.^{1,2}

Urine Collection Procedure:^{1,2}

1. Verify the identity of patient (e.g. social security number or driver's license number and state issued photo I.D.).
2. Ask the patient to remove any unnecessary outer clothing. All personal belongings (the patient may retain a wallet) should be placed in a secure location outside the stall or partitioned area.
3. Do not ask the patient to empty his/her pockets or to remove articles of clothing such as shirts, pants, dresses, etc. If a collector notices any unusual behavior that indicates a patient may attempt to tamper with or adulterate a specimen (e.g., bulging pockets), notify the patient's provider.
4. Prior to collection, ask the patient to wash his/her hands to eliminate any possible adulterating or contaminating substances from under the patient's fingernails. Eliminate or secure all sources of water in the area where urination occurs. Bluing agent may be placed in the toilet tanks and bowls to prevent sample dilution. Secure all soap or detergent dispensers or any other potential adulterants
5. Place the following information on the collection container's label:
 - Date and time of collection
 - Patient's name and second identifier
 - Collector's initials.
6. Provide the patient with a clean, unused urine specimen collection container and instruct the patient to fill the container at least half full (a minimum of 30 mL's).
7. Instruct the patient not to flush the toilet or turn on faucet until the specimen has been given to the collector.
8. **Collection:**
 - A. Unobserved Collection: Allow the patient to enter and maintain privacy within the collection area. The collector will wait outside the collection area until the patient is finished urinating.).
 - B. Observed Collection: Inform the patient that collection will occur under direct observation. Accompany the patient into the collection facility. Instruct the patient to urinate into the sample container with the witness observing urination. Note: This occurs only under the specified written directions of the ordering provider.
9. Take the specimen from the patient. Follow OSHA guidelines when handling specimens.
10. Upon receipt of the specimen from the patient, immediately check and record the temperature strip
NOTE: Urine temperature should be measured within (4) four minutes of collection and should read between 90-100°F.
11. Take the specimen to the laboratory for testing.

Reference:

1. Redwood Toxicology Laboratories, 3650 Westwind Blvd., Santa Rosa, CA 95403.

2. SAMHSA;www.ncbi.nlm.nih.gov/bookshelf/br.fcgi?book=hssamhsatip&part=A90362.