



Dayton Children's Hospital
One Children's Plaza Dayton, Ohio 45404

Laboratory Services

Specimen Collection Manual

24 Hour Urine Collection Procedure

A. PURPOSE

To provide staff, parents and patients with laboratory requirements for the collection of 24 hour urine specimen.

B. PROCEDURE

1. The collection container and any preservatives required will be supplied by the laboratory.
2. The patient should urinate and discard the first morning urine. The 24 hour period begins at this time.
3. Collect all urine including the first morning specimen on the second day.
4. The urine **MUST** be kept refrigerated for the entire 24 hour period.
5. If any urine is spilled, lost or contaminated with stool, the physician must be notified. The test should be discontinued and recollected starting at another 24 hour period.
6. Send to the laboratory as soon as possible. Refrigerate until specimen can be submitted.
7. The specimen should be brought to the lab as soon as possible after the collection has ended.
8. See Specimen Transport Procedure for Nursing for labeling and transporting requirements.



CAUTION: ANY ADDED PRESERVATIVES MAY BE CAUSTIC. IN CASE OF A SPILL OR CONTACT WITH THE PRESERVATIVE, NOTIFY A LABORATORY SUPERVISOR.