

Urine Collection

Peninsula Regional Medical Center provides urine collection containers (with and without preservatives).

An **early-morning** specimen is desired for routine examination of urine; although a fresh, random specimen is also acceptable. Specimen should be capped, labeled with 2 patient identifiers (patient's full name and either the medical record number and/or the date of birth), date and time of collection, and delivered to laboratory within 1 hour of collection. If unable to deliver within 1 hour, refrigerate specimen. See instructions under individual test listing for complete specimen requirements.

Timed Urine Collection

It is important that a timed urine specimen be properly and completely collected. Patient should refrain from drinking excessive amounts of coffee for 72 hours prior to collection.

Note: Many drugs alter urine chemistry results.

Refer to specific test listing for proper container and any other instructions. If a combination of tests is ordered, contact laboratory to see if 1 collection will suffice or if a P-Splittage urine device has to be used (these devices make it possible to collect urine in 2 separate environments at same time). Label urine container prior to collection with 2 patient identifiers (patient's full name and either the medical record number and/or the date of birth), collection date, and starting and ending times of collection.

Use following procedure for correct specimen collection and preparation.

- Instruct patient to empty his/her bladder and discard that urine. This begins timed collection.
- From that time on, collect all subsequent voided urine in a clean container and transfer it to appropriate refrigerated, 24-hour container.
- At designated time for ending collection period, instruct patient to try to empty his/her bladder. Add this specimen to the 24-hour urine container.
- Keep specimen refrigerated and send to laboratory immediately after collection.

Peninsula Regional Medical Center Urine Specimen Collection Requirements

Test Name	Test Code	Preservative
Amylase, Timed	UAMT	None
Calcium, Quantitative, 24 Hour	CA24	None*
Chloride, Quantitative, 24 Hour	CL24	None
Creatinine Clearance	CRCL	None 20 mL of 6N HCl - OK 25 mL of 50% acetic acid - OK Boric acid - OK
Creatinine, 24 Hour	CR24	None 20 mL of 6N HCl - OK 25 mL of 50% acetic acid - OK Boric acid - OK
Microalbumin, 24 Hour	MIC24	None
Potassium, 24 Hour	K24	None
Phosphorus, 24 Hour	PH24	None*
Protein, Total, 24 Hour	UP24	None
Sodium, 24 Hour	NA24	None
Uric Acid, 24 Hour (Store at ambient temperature during collection).	UA24	None
Urea Nitrogen, 24 Hour	UN24	None
*Add 20 mL of 6N HCl after collection. Mix well. Specimen may be frozen or refrigerated, unless noted otherwise. See individual test listings. Remember to freeze a separate aliquot for Special Chemistry		
PRESERVATIVE INFORMATION IS FOR TESTS PERFORMED AT PENINSULA REGIONAL MEDICAL CENTER.		