



Timed Urine Collection Instructions (24-hour Urine)

A timed urine collection, typically spanning 24 hours, is conducted to quantitatively analyze the excretion of various analytes in the urine. While the optimal time to commence the collection is upon the patient's awakening, in a hospital environment, the collection may be initiated at any point during the patient's stay.

IMPORTANT: Verify specific analyte requirements or consult the laboratory to confirm any special collection instructions or handling procedures.

Step	Description	Instructions
1.	Initial Void	Before beginning the 24-hour urine collection, instruct the patient to void their first urine sample into the toilet. Record the time of this initial void as the start time for the 24-hour collection by noting it on the patient's jug/test; label as "Start Time." Include date of collection. Example: Start Date: 01/01/2025 Start Time: 15:10 Note: Do not place patient Cerner label on lid of collection jug
2.	Collection	Collect all urine output into the 24-hour urine jug for the next 24 hours. Use multiple containers if needed for high-volume output. Label all containers with the patient's information, date, time of collection, and specimen order. Results will be based on the total volume collected. If a bowel movement is anticipated, collect the urine sample before, not after. Note: Do not collect any random urine samples during this 24-hour period.
3.	Fluid Intake	Patient should drink and intake fluid normally, unless otherwise directed by the physician.
4.	Final Void	Stop the collection 24 hours after the initial void was discarded into the toilet. Example: <ul style="list-style-type: none">• Start Date: 01/01/2025• Start Time: 15:10• End Date: 01/02/2025• End Time: 15:10 Note: Do not collect any samples after the end time for the 24-hour period.
5.	Storage	Keep urine sample cold (refrigeration/on ice) during the collection to preserve specimen integrity. Note: Deliver sample cold and as soon as possible after collection to the laboratory, preferably within 30 minutes.
6.	Labeling	Label all specimens with Cerner label and use PPID for collection