


<p>Sistema Socio Sanitario</p>  <p>Regione Lombardia ASST Pavia</p>	<p>SPECIMEN COLLECTION INFORMATION 24 HOUR URINE COLLECTION</p> <p>MOD.30.193.DDC01.20801/PRO.02</p>	<p>Ed 1 Rev 01 15 Luglio 2024</p>
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24 HOUR NON-ACIDIFIED URINE COLLECTION

Determination of:

17 OH – Ketosteroids, Vanilylmandelic Acid, Cortisol, Microalbuminuria, Uricuria, Urinary electrophoresis, Urinary aldosterone, Citraturia, Quantitative proteinuria, Electrolytes
Urinary, Glycosuria, Urinary hydroxyproline, Microalbuminuria, Urinary dopamine, Urinary microglobulins, Azoturia, Creatinine clearance, Coproporphyrins, Uroporphyrins, Protoporphyrins, Porphobilinogen

Collection material:

If possible, use the appropriate wide-mouth container with screw cap for 24-hour urine collection.

Collection Method:

- At the initial stage empty the bladder and discard the urine.
- During the following 24 hours, collect all urine.
- Note the collection start time.
- Store urine in a cool place or refrigerator.
- Urine should be kept in the dark if the following determinations are required: Uroporphyrins, Coproporphyrins, Protoporphyrins, Porphobilinogen (to protect from light, use a black plastic bag or wrap the container with aluminum foil).
- After 24 hours from the time the collection began, empty the bladder and also add this urine to the container.
- Deliver all collected urine, even in multiple containers.

N.B. DOUBLE COLLECTION: ACIDIFIED URINE + NON-ACIDIFIED URINE

If it is necessary to collect 24-hour urine in two containers (one acidified and the other non-acidified, for different tests), the urine emitted at each urination must be collected in a third clean container and poured, more or less in equal parts, half in the container with acid and half in the container without acid.


24 HOUR ACIDIFIED URINE COLLECTION

Determination of:

Calciuria, Phosphaturia, Magnesuria, Oxalic acid, Urinary catecholamines, 5 hydroxy 3 indole acetic acid, Delta-aminolevulinic acid

Collection material:

Use the appropriate wide-mouth container with screw cap for 24-hour urine collection CONTAINING HYDROCHLORIC ACID, supplied by the analysis laboratory.

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Collection Method:

- At the initial stage empty the bladder and discard the urine.
- During the following 24 hours, collect all the urine and pour it into the appropriate container
container Hydrochloric Acid; this container must be used as is supplied without washing or emptying it.
- Store urine in a cool place or refrigerator.
- Note the collection start time.
- At the end of 24 hours, i.e. at the same time as the collection began, empty the bladder and add this urine to the container.
- Deliver all collected urine, even in multiple containers.

N.B. DOUBLE COLLECTION: ACIDIFIED URINE + NON-ACIDIFIED URINE

If it is necessary to collect 24-hour urine in two containers (one acidified and the other non-acidified, for different tests), the urine emitted at each urination must be collected in a third clean container and poured, more or less in equal parts, half in the container with acid and half in the container without acid.

HAZARD NOTICE

- *HYDROCHLORIC ACID is toxic if inhaled and can cause severe burns to skin or eyes*
- *Store the container in a ventilated area and keep away from children*
- *Be careful: Do not inhale fumes released by the jug, avoid any contact with eyes, nose, mouth and genitals*
- *In case of contact with eyes: rinse immediately with plenty of tap water, consult your doctor*
- *If you don't feel well after exposure to fumes or mists immediately call a doctor or First Aid*