



HOW TO COLLECT A 24 H URINE SAMPLE

How to collect a 24h NON-ACIDIFIED urine sample

NON-ACIDIFIED urine sample is used for the following analysis:

17 OH – Ketosteroids, Vanilmandelic acid, Cortisol, Microalbuminuria, Uricuria, Urine electrophoresis, Urinary Aldosterone, Citraturia, Quantitative Proteinuria, Urinary Electrolytes, Glucosuria, Urinary hydroxyproline, Urinary Dopamine, Urinary Microglobulines, Urine nitrogen, Creatinine Clearance, Uroporphyrines, Protoporphyrines, Porphobilinogen

WHAT YOU NEED

Please use a plastic urine jug with screw top, specific for 24h urine collection

HOW TO COLLECT THE SAMPLE

- At start point, empty your bladder and discard the urine, record the time that you have chosen to start the collection
- During the following 24h collect all the urine.
- Store the urine jug tightly capped in a refrigerator or in a fresh place.
- The urine should be protected from light during collection and during shipping, if the following analysis are going to be tested: Uroporphyrines, Coproporphyrines, Protoporphyrines, Porphobilinogen (use a black plastic bag or an aluminium paper to protect the jug)
- A 24-hour urine collection must be started at a specific time and then ended at the same time the next day. At the end of the 24h period, empty your bladder and collect this sample too.
- Deliver all the urine you collected, you could need to deliver more than one jug.

N.B. Double collection: Acidified plus Non-acidified urine samples

In case you are asked to collect two different types of urine samples: Acidified and Non acidified urine sample, you must collect every urine stream in a third clean container. Then, pour all the urine, in equal amounts, into the two containers: half into the acidified container and the other half into the non-acidified container.

N.B If the patient does not have the biological material collection container, the laboratory staff will provide the appropriate container.

For biological samples No manipulation, transfer, aliquotation, etc. are required. by users.



HOW TO COLLECT A 24 H URINE SAMPLE

How to collect a 24h ACIDIFIED urine sample

ACIDIFIED urine sample is used for the following analysis:

Calciuria, phosphaturia, Magnesuria, Oxalic acid, Urinary Catecholamine, 5 Hydroxy 3 indoleacetic acid, delta-aminolevulinic acid

WHAT YOU NEED

Please use the plastic urine jug with screw top, specific for 24h urine collection, given you by laboratory personnel. This jug contains **HYDROCHLORIC ACID**, **please pay attention not to get in contact with the content**

HOW TO COLLECT THE SAMPLE

- At start point, empty your bladder and discard the urine, record the time that you have chosen to start the collection
- During the following 24h collect all the urine in a different jug, then pour the urine in the jug containing hydrochloric acid. **Do not urinate directly into the acidified jug!**
- Store the urine jug tightly capped in a refrigerator or in a fresh place.
- A 24-hour urine collection must be started at a specific time and then ended at the same time the next day. At the end of the 24h period, empty your bladder and collect this sample too.
- Deliver all the urine you collected, you could need to deliver more than one jug.

N.B. Double collection: Acidified plus Non-acidified urine samples

In case you are asked to collect two different types of urine samples: Acidified and Non acidified urine sample, you must collect every urine stream in a third clean container. Then, pour all the urine, in equal amounts, into the two containers: half into the acidified container and the other half into the non-acidified container.

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*