

<p>Gaetano Pini Orthopaedic Traumatology Specialist Centre- Orthopaedic Trauma Centre Social Health System Region ElvLombardy Territorial Social</p>  	Information Sheet	Rev. 0	P. 1 of 1
Instructions for collecting and storing urine for 24 hours with acid		P06_A0250_MAN001_FI004 Ref. P06_A0250_MAN001	

The collection of acidified 24-hour urine is necessary for the following tests:

- ⇒ **URINARY CALCIUM**
- ⇒ **URINARY PHOSPHORUS**
- ⇒ **5-OH-INDOLACETIC ACID**
- ⇒ **HOMOVANILLIC ACID**
- ⇒ **VANILLAMANDELIC ACID**
- ⇒ **URINARY CATECHOLAMINES (ADRENALINE-NORADRENALINE)**

COLLECTION METHODS

- ⇒ Upon awakening, discard the urine emitted with the first urination (it is not used for collection)
- ⇒ From this moment on, collect all the urine emitted over a 24-hour period (therefore during the entire day and also any urine at night) including the first urination of the morning following the one in which the collection began; this urine concludes the collection.

WARNINGS

As the container contains 10 ml of 10% hydrochloric acid (Muriatic Acid: highly corrosive substance) exercise the following precautions:

- ⇒ Do not urinate directly into the container but instead use a suitable container;
- ⇒ Keep the container tightly closed and do not turn it upside down to avoid accidental product spillage;
- ⇒ In case of accidental contact of the acid with the skin, wash immediately with plenty of water and consult your doctor;
- ⇒ It is not necessary to store the container in a refrigerator. Instead a cool, ventilated place is sufficient;
- ⇒ Do not interrupt any ongoing treatments;
- ⇒ It is not necessary to follow any special diets.

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