

	<b>DEPARTMENT OF LABORATORY MEDICINE</b> <b>DIVISION OF PATHOLOGY</b>	Document Name: 24h Catecholamines and Metanephrines Collection Instructions
St. Michael's		Document #: 59949 Status: Current

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## CATECHOLAMINES & METANEPHRINES

### 24HR URINE COLLECTION INSTRUCTIONS

**WARNING: This bottle contains strong acid (6N HCl). DO NOT DISCARD. Do not urinate directly into container.**

**Materials supplied:**

- 24 hour urine container
- 25 mL of Hydrochloric Acid (6N HCL) inside the container

**Materials needed but not supplied:**

Requisition completed by physician or clinic

**Collection Guidelines:**

- Collect urine output for a full 24 hour period.
- Restrict caffeine, nicotine and alcohol 24h prior to collection.
- Discontinue methyldopa (Aldomet) at least 5 days prior to collection.
- Avoid reserpine, alpha methyldopa, levodopa, monoamine oxidase inhibitors.

**Do not stop taking any medication unless advised to do so by your doctor.**

Some medications may interfere with the results of this test and are known to give false evaluations. If medications cannot be discontinued, please provide a list of medications to the laboratory. It may be possible to eliminate interference by special procedures.

**Collection Instructions:**

For proper evaluation of tests on 24 hour urine sample, it is important that a complete and accurate collection is done, as follows:


1. On the starting day, **void and discard the first urine after waking up.** Enter time and date below:

Start Date: \_\_\_\_\_, Time: \_\_\_\_\_  am  Pm

2. Save in this bottle all the urine voided up to and including a specimen passed at exactly the same time the next day. Enter time and date below:

Finish Date: \_\_\_\_\_, Time: \_\_\_\_\_  am  Pm

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**Example:**

**Start Time → 7:00 AM January 01, 2019 → Empty bladder (DO NOT Collect Urine)**

- For the next 24 hours, collect urine output using a sterile container and transfer into the 24 Hr. container provided by the laboratory. Please gently mix/invert the bottle with each addition.

**Finish Time → 7:00 AM January 2, 2019 → Collect urine sample (Last Collection)**

**Delivery to the Lab:**

- Sample must be labelled with your **Name, Date Of Birth, MRN # and /or OHIP**
- Ensure the **START/FINISH** dates and times are written on the requisition
- Make sure the lid is tightly fastened
- **Deliver specimen to: Blood Collection Site or Core Lab. 2<sup>nd</sup> Fl Cardinal Carter Wing as soon as possible.**

**Note:** The sample container contains toxic substance of hydrochloric acid additive. Avoid Eye Contact, Skin Contact, Ingestion, and Inhalation of contents in the container.

**Questions?** Please call the Department of Laboratory Medicine at 416-864-5082

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