

Document Title:	Urine Micro and Culture (Adults)	
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## 1. Equipment

- 1x 70ml Yellow-top Container
- Sterile Water Wipes

## 2. Procedure

Urine in the bladder is normally sterile (containing no organisms), bacteria are usually present around the opening of the urethra (the tube that leads from the bladder to the outside of the body). Urine collection for MCS must be performed carefully in order to avoid contaminating the sample with these bacteria.

General guidelines:

- DO NOT collect the FIRST PART of the urine you pass. This urine always contains contaminating organisms.
- DO NOT allow urine to touch other parts of your body before being collected into the container.
- Please let the collector know if you are taking antibiotics

### Females

A midstream specimen of urine is required in order to minimize the degree of bacterial contamination.

1. Write your FULL NAME (first name and surname) date of birth, date and time of collection on the urine container on container
2. Wash hands thoroughly with soap and water.
3. Sit astride toilet with legs wide apart.
4. Clean vagina from front to back twice with 2 separate sterile water wipes.
5. Hold labia (skin folds) apart and commence passing urine.
6. After a few seconds and with continuation of flow, introduce the sterile urine container into the stream for a further 4-6 seconds, or until the container is half filled.
7. Avoid contamination of inside of container with fingers or by contact with vulva.
8. After the urine is collected, replace the lid on the container ensuring correct threading and a secure closure. Please be mindful that there is a sharp located in the lid of the urine container
9. Return specimen on the day of collection to the closest Northern Pathology Victoria collection centre. If unable to return the specimen on the day of collection, please refrigerate the specimen.

### Males

A midstream specimen of urine is required in order to minimize the degree of bacterial contamination.

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1. Write your FULL NAME (first name and surname) date of birth, date and time of collection on the urine container on container
2. Wash hands thoroughly.
3. If uncircumcised, retract foreskin and cleanse with sterile water wipe. If circumcised wipe the tip of the penis with the water wipe.
4. After a few seconds and with continuation of flow, introduce the sterile urine container into the stream for a further 4-6 seconds, or until the container is half filled.
5. Replace lid on container ensuring correct threading and secure closure. Please be mindful that there is a sharp located in the lid of the urine container.
6. Return specimen on the day of collection to the closest Northern Pathology Victoria collection centre. If unable to return the specimen on the day of collection, please refrigerate the specimen.

If you have any questions with this test please contact Northern Pathology Victoria on (03) 8405-8181.