

Notes	Specimen must be obtained using aseptic technique.
Risks or Cautions	<ul style="list-style-type: none"> • Never obtain urine specimen from a catheter bag. • The closed drainage system should never be interrupted during urine collection. A sterile closed urinary drainage system must be maintained. • Do not force fluids in order to have the patient void urine. Excessive fluid intake may dilute the urine and decrease the colony count.
Materials Required	<ul style="list-style-type: none"> • 70% alcohol • 20 gauge needle and 10 mL syringe • Sterile specimen container • Clamp
Timing of specimen collection	<ul style="list-style-type: none"> • Obtain early-morning specimens whenever possible. Allowing urine to remain in the bladder overnight or for at least 4 hours prior to collection will increase the sensitivity of culture.
Collecting the Sample	<p>Indwelling catheter collection:</p> <ul style="list-style-type: none"> • Wash hands and don clean gloves • Prepare catheter port by cleaning with 70% alcohol; allow to air dry • Crimp or clamp tubing below urine sample port on drainage tubing • Using a needle and syringe, insert needle into the port at a 45° angle • Aspirate the required amount of urine and remove syringe/needle • Immediately transfer urine into a sterile specimen container • Dispose of sharps as appropriate • Unclamp the catheter tubing • Wash hands <p>Catheter collection:</p> <ul style="list-style-type: none"> • Using aseptic technique to avoid the risk of introducing microorganisms into the bladder, a physician or trained health care provider should insert the catheter as per usual protocol and obtain urine directly from the bladder. • Discard the initial 15 to 30 mL of urine and submit the next flow of urine for culture in a sterile specimen container.
Labelling the Sample	<p>Label the collection container with:</p> <ul style="list-style-type: none"> • The patient's full first and last name, date and time of collection, Provincial Health Number (PHN/ULI), or Government issued identification • If a patient demographic label is available, attach this label to the outside of the container
Lab Requisition	<ul style="list-style-type: none"> • Print the date and time the sample was collected on your lab requisition • Fold and place the requisition in the outside pocket of the plastic resealable bag. Do not put the requisition in the bag with the sample collection container.
Sample Delivery to Lab	<ul style="list-style-type: none"> • Transport the urine specimen and requisition to the laboratory as soon as possible • If the urine cannot be delivered to the laboratory within 2 hours after collection, keep the urine sample refrigerated • The urine sample MUST be returned to the laboratory the same day it was collected

