



# Urine collections

## Collection checklist

- Check expiry dates of collection containers.
- Label collection containers with surname and given name (in full), date of birth, collection date and time.
- Ensure lids are firmly screwed on for all specimens. Double bag all urines transported with blood specimens.
- Ambient transport = esky and ice brick. Room temperature = 20–22 °C.

## Microbiology

<b>Urine MCS</b>	Specimen jar (yellow top)	<b>Specimen:</b> midstream urine collection <b>Storage and transport:</b> refrigerate, ambient for transport. Patient pre-test information for urine MCS is available at <a href="http://snp.com.au">snp.com.au</a>
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## Chemistry

<b>5-Hydroxyindoleacetic acid (5-HIAA)</b> Alternative test: Serotonin platelet	Acid 24-hour urine bottle	<b>Specimen:</b> 24-hour urine collection. Patients must follow set dietary guidelines. <b>Storage and transport:</b> ambient <b>Note:</b> record start date/time and finish date/time. Patient pre-test information for urine 5-HIAA is available at <a href="http://snp.com.au">snp.com.au</a>
<b>Urine albumin</b>	Specimen jar (yellow top)	<b>Specimen:</b> random urine collection <b>Storage and transport:</b> ambient
<b>Urine aldosterone</b>	Plain 24-hour urine bottle	<b>Specimen:</b> 24-hour urine collection <b>Storage and transport:</b> ambient <b>Note:</b> record start date/time and finish date/time.
<b>Catecholamines (CATS) 24-hour</b>	Acid 24-hour urine bottle	<b>Specimen:</b> 24-hour urine collection <b>Storage and transport:</b> ambient <b>Note:</b> random urine for children <16 years (transport ASAP so specimen can be acidified for preservation)
<b>Urine cortisol (free)</b>	Plain 24-hour urine bottle (preferred) Specimen jar (yellow top)	<b>Specimen:</b> 24-hour urine collection <b>Storage and transport:</b> ambient <b>Note:</b> record start date/time and finish date/time. Random first morning urine can be used if specifically requested.
<b>Urine creatinine clearance 24-hour</b> Alternative test: Plasma metanephrines	Plain 24-hour urine bottle and SST 8.5 mL (yellow top)	<b>Specimens:</b> 24-hour urine and SST blood collection for creatinine <b>Storage and transport:</b> ambient <b>Note:</b> record patient's weight and height and the start date/time and finish date/time on both specimens.
<b>Urine creatinine</b>	Specimen jar (yellow top)	<b>Specimen:</b> random urine collection <b>Storage and transport:</b> ambient
<b>Urine deoxyipyridinoline (DPD)</b> Alternative test: Serum CTx or Serum P1NP	Specimen jar (yellow top)	<b>Specimen:</b> first morning void is preferred. Record time of collection on jar. <b>Storage and transport:</b> room temperature

## Cytology

<b>Urine cytology</b>	Can be tested individually or as a daily series of two or three samples. Submit one request form marked with the number of samples in the series. Specimen jar (yellow top)	<b>Specimen:</b> collect one 50 mL mid-morning, midstream urine specimen. The first passing of urine for the day is not suitable for cytology. If consecutive daily testing is requested, collect and deliver samples daily. <b>Storage and transport:</b> refrigerate, ambient for transport. <b>Note:</b> label each specimen with date and time of collection. Patient pre-test information for urine cytology is available at <a href="http://snp.com.au">snp.com.au</a>
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Specimen jar (yellow top)  
Item 70231



Plain 24-hour urine bottle  
Item 32908



Acid 24-hour urine bottle  
Item Q00065