

Urine Sample Collection for Mitochondrial Studies

<p>General Information</p>	<p>Fresh/frozen muscle is the preferred sample type for mitochondrial testing; however, testing for the common mitochondrial variants and full sequencing of the mitochondrial genome is available on urine samples.</p> <p>Deletion/Duplication testing cannot be performed on urine as the DNA quantity is not sufficient.</p>
<p>Labelling the Specimen</p>	<p>A urine container (with patient label) should be provided to the patient with a Molecular Genetics Laboratory Requisition requesting the MNM or LHON Variant Panel OR Mitochondrial full sequencing.</p> <p>Print the date and time the specimen was collected on your lab requisition.</p> <p>Fold and place the requisition in the outside pocket of the plastic bag</p>
<p>Lab Requisition</p>	<p>Healthcare provider must complete a Molecular Genetics Laboratory General Requisition https://www.albertahealthservices.ca/frm-21892.pdf</p>
<p>Collecting the Specimen</p>	<p>Collect 50 ml of “First morning” urine in the sterile container provided. Samples must be collected on a Sunday and/or Monday morning.</p> <p>An initial urine sample should be collected- NOT “mid-stream”</p>
<p>Specimen Delivery to Lab</p>	<p>Bring your specimen and requisition to your local laboratory within 24 hours of collection. Store at room temperature</p>
	<p>Laboratory location, hours and contact information may be found at: www.albertaprecisionlabs.ca Alberta Precision Laboratories at 1-877-868-6848</p>
<p>Questions About Your Collection?</p>	<p>Contact your healthcare provider or call Client Response at 780-407-7484</p>