

## Homocystine (urine)

<b>Description</b>	Test for homocystinuria
<b>Indication</b>	Diagnosing inborn errors of methionine metabolism. Folate or B <sub>12</sub> deficiency. Cardiac risk assessment.
<b>Additional Info</b>	This sample is sent to an external laboratory for analysis. Performed as part of amino acid screen. Quantitative result.
<b>Concurrent Tests</b>	Urine organic acids/amino acids
<b>Dietary Requirements</b>	N/A
<b>Interpretation</b>	Urine homocysteine is elevated in B12/folate deficiency. Urine homocysteine is elevated in homocysteinuria.
<b>Collection Conditions</b>	24 hour urine – full collection or 10mL aliquot.
<b>Frequency of testing</b>	As required