

## Cystine (Urine)

<b>Description</b>	Measurement of cystine for metabolic screening
<b>Indication</b>	Used in the investigation of cystinuria as a cause of renal stones. Cystine is also measured in Fanconi syndrome.
<b>Additional Info</b>	Cystine stones form readily in acidic urine, are yellow/brown in colour and radio-opaque because of their sulphur content. There may also be some calcium deposition if there is infection secondary to the cystine calculi. Patients with cystinuria also have a higher incidence of calcium oxalate stones than the general population. All stone formers should therefore be screened for cystinuria.
<b>Concurrent Tests</b>	Urine oxalate, calcium, sodium and pH
<b>Dietary Requirements</b>	N/A
<b>Interpretation</b>	Reference range is supplied by the external laboratory performing the analysis
<b>Collection Conditions</b>	24 hour urine specimen or a 10mL aliquot Plain container - no preservative.
<b>Frequency of testing</b>	NA