

<h2>Coproporphyrin (urine)</h2>	
Description	Coproporphyrin (CO) is a metabolite synthesised in the haem biosynthetic pathway. It is produced from uroporphyrinogen by uroporphyrinogen decarboxylase activity.
Indication	Investigation of suspected porphyria.
Additional Info	<p>Protect urine sample from light and send to the laboratory immediately.</p> <p>If this is an emergency request (i.e. suspect an acute porphyria) then contact the laboratory.</p> <p>This sample is sent to an external laboratory for analysis.</p>
Concurrent Tests	Further tests of urine, faeces and blood will be necessary to obtain a specific diagnosis.
Dietary Requirements	N/A
Interpretation	<p>Coproporphyrin I is raised in congenital erythropoietic porphyria.</p> <p>Coproporphyrin III is raised in variegate porphyria and hereditary coproporphyria</p> <p>Coproporphyrin I and III can be elevated in hepatobiliary dysfunction, chronic liver disease and in patients abusing alcohol.</p> <p>For further interpretation contact the laboratory.</p>
Collection Conditions	Collect random urine. Protect from light.
Frequency of testing	As required.