



Prothrombin Gene PCR

Synonyms	PGP, FII PCR, Prothrombin gene mutation
Clinical Indication	<p>Clinical / family history of thrombotic episodes.</p> <p>Please refer to Thrombophilia clinic or d/w Consultant haematologist BEFORE making request.</p> <p>It is strongly suggested to request a Thrombophilia screen rather than this test in isolation even if investigating a known family history of prothrombin gene mutation.</p>
Part of Profile / See Also	Thrombophilia Screen
Request Form	Combined Pathology manual blood request form or ICE request
Availability / Frequency of Analysis	<p>Mon – Fri: 9am to 4pm</p> <p>Genetic testing will only be performed on one occasion. Referred to Barts & the Royal London 8285</p>
Turnaround Time	4 weeks (send externally)
Patient Preparation	None
Sample Requirements	
Specimen Type	Fresh citrated Blood (within 2 hours of collection)
Volume	Collection tube must be filled to 'fill mark' on the side of bottle. This is critical.
Container	 <p>Blue top (sodium citrate) tube</p>  <p>Paediatric Blue top (Sodium Citrate) tube</p> <p>Samples should be taken with minimal stasis and taken to the laboratory as soon as possible.</p>
Reference Range & Units	See patient test report
Interferences	Haemolysis, lipaemic, icteric samples
Interpretation & Clinical Decision Value (if applicable)	When this test is requested both a Factor V Leiden and Prothrombin Gene Mutation will be reported. Advice is available from Haematology consultants.
References	
Test code	PGP
Lab Handling	Spin samples, remove buffy coat and freeze

