Prothrombin Gene PCR

Synonyms	PGP, FII PCR, Prothrombin gene mutation
Clinical Indication	Clinical / family history of thrombotic episodes. Please refer to Thrombophilia clinic or d/w Consultant haematologist BEFORE making request. 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.
Part of Profile / See Also	Thrombophilia Screen
Request Form	Combined Pathology manual blood request form or ICE request
Availability / Frequency of Analysis	Mon – Fri: 9am to 4pm Genetic testing will only be performed on one occasion. Referred to Barts & the Royal London 8285
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	 Blue top (sodium citrate) tube  Paediatric Blue top (Sodium Citrate) tube Samples should be taken with minimal stasis and taken to the laboratory as soon as possible.
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

UKAS MEDICAL 8285

Accredited to ISO 15189:2022