

Test	Thrombophilia Screening
Common Abbreviations	TSS
Profile	Antithrombin activity, Free Protein S antigen, Protein C antigen, Factor V Leiden screen (APC-R) and Prothrombin gene mutation analysis
Clinical indication	Indications for thrombophilia testing are included in the Hull and East Yorkshire Hospitals NHS Trust guidelines on the Diagnosis and management of venous thromboembolism and within British Committee for Standards in Haematology Guidelines. These include purpura fulminans in neonates and skin necrosis following warfarin administrations. Other indications will need to be discussed with the laboratory and clinical haematology team.
Specimen type	Blood
Sample type	Adult: Blue top citrate Paediatric: Blue top citrate (Purple top EDTA sample sufficient if only FV Leiden / Prothrombin gene mutation analysis is required)
Minimum volume	Adult: 4x blue top citrate samples (3ml each) Paediatric: 4x blue top citrate samples (1.3ml each) (1x purple top EDTA sample sufficient if only FV Leiden / Prothrombin gene mutation analysis is required)
Special precautions	Thrombophilia testing requires authorisation from a Consultant Haematologist
Stability	12 hours (Plasma must be frozen within this time if not tested on the same day)
Turn-around time	2 weeks (6 weeks for FV Leiden / Prothrombin gene mutation)
Laboratory	York Hospital Haematology Laboratory, Wigginton Road, York, YO31 8HE
Reference interval	Provided by referral laboratory
Limitations	Test cannot be performed if the sample is found to be clotted/haemolysed/underfilled/overfilled.