

**Scott & White Memorial Hospital
Department of Internal Medicine**

Special Coagulation Laboratory

Test Menu

<i>Test</i>	<i>SMS / CPT</i>	<i>LIS</i>	<i>Minimum Specimen</i>	<i>Test Days</i>	<i>TAT</i>
Alpha 2-Antiplasmin – main regulator of fibrinolysis, plasmin inhibitor	8810043 85410	65081 ANTIP	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Anti-Factor Xa – heparin levels for Unfractionated and Low Molecular Weight Heparin	8810001 85130	65076 FXAT	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Antithrombin III – a functional test: thrombin inhibitor, cofactor for heparin	8810012 85300	65011 ATIII	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Activated Protein C Resistance – Factor V Leiden Screen	8810075 85307	65186 APCR	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
aPTT – basis screen for intrinsic coagulation pathway (factors XII, XI, IX, VIII) and for monitoring unfractionated heparin	8810070C 85730	65002 PTTSC	1 blue top or 1cc/tube frozen plasma	M-F	1 Hour
aPTT – Post Heparin Removal – heparin is removed from specimen	8810070D 85730	65056 PTTHR	1 blue top or 1cc/tube frozen plasma	M-F	2 Hours
Cryofibrinogen – cold precipitable protein found in plasma not serum	8770076 85285	65072 CYROF	1 blue top & 1 red top, both at room temp., transport at room temp.	M-Th	24 Hours
D-dimer – terminal product of fibrin degradation, proof fibrinolytic system is in action in response to coag. Activation	8810038 85378	65018 DDISC	1 blue top or 1cc/tube frozen plasma	M-F	1 Hour
DIC Screen – Disseminated Intravascular Coagulation Screen - test includes: PT, APTT, Thrombin Time, Fibrinogen, Fibrin Split Products (FSP or FDP), Fibrin Monomer, & Platelet Count	C8810006 85610, 85730, 85384, 85362, 85379, 85366, 85670	65010 DICSC	1 blue top or 1cc/tube frozen plasma, 1 FDP tube or 1cc/ FDP tube frozen serum, and 1 purple top for platelet count from Hematology	M-F	2 Hours
Extrinsic Factors – test includes factors: VII, IX, XI, & XII	P8770545 85210, 85220, 85270, 85280	65084 EXTRI	2 blues tops or 2cc/tubes frozen plasma	M-F (batch)	4 Hours
Factor II – extrinsic factor (Prothrombin)	8810018 85210	65021 FII	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours

Factor V Leiden Screen – See Activated Protein C Resistance (APCR)					
Factor V – extrinsic factor (Proaccelaerin)	8810020 85220	65022 FV	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor VII – extrinsic factor (Stable factor)	8810021 85230	65023 FVII	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor VIII – intrinsic factor (Antihemophilic factor)	8810022 85245	65024 FVIII	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor VIII Inhibitor Assay – factor antibodies effect measured in Bethesda Units	8810036 85335	65035 F8INH	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor IX – intrinsic factor (Christmas factor)	8810019 85250	65025 FIX	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor IX Inhibitor Assay – factor antibodies effect measured in Bethesda Units	8810036A 85335	65036 F9INH	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor X – extrinsic factor (Stuart-Prower factor)	8810025 85260	65026 FX	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor XI – intrinsic factor (Plasma thromboplastin antecedent)	8810026 85270	65027 FXI	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor XII – extrinsic factor (Hageman factor)	8810027 85280	65028 FXII	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Factor XIII Screen – Urea solubility – (Fibrin – stabilizing factor) - routine tests like PT,APTT, TT, fibrinogen, platelet count, and bleeding time will be normal	8810011 85291	65041 F13SC	1 blue top or 1cc/tube frozen plasma	M-F (batch)	24 Hours
Factor XIII – Quantitative – screening test should be performed first	8810028 85291	65042 F13QT	1 blue top or 1cc/tube frozen plasma	M-F (batch)	24 Hours
Fibrin Monomer – the intermediate product between fibrinogen and fibrin	8810039A 85366	65009 FMSC	1 blue top or 1cc/tube frozen plasma	M-F	1 Hour
Fibrinogen – quantitative determination of fibrinogen in plasma	8810040B 85384	65003 FIBSC	1 blue top or 1cc/tube frozen plasma	M-F	1 Hour
Fibrinogen Antigen – used to evaluate dysfibrinogen when investigating prolonged thrombin times	8810041 85385	65039 FIBAG	1 blue top or 1cc/tube frozen plasma	M-F (batch)	96 Hours
Fibrin Split Products – FSP or FDP, used to screen for DIC	8810037A 85362	65007 FSPSC	1 FDP tube or 1cc frozen FDP serum	M-F	
Heparin Assay - see Anti Xa					
Heparin Induced Thrombocytopenia -	8810079B 85576	HIPA	10ml red top required. Call lab at 724-2426 to schedule test. Requires four uninterrupted hours to complete test.	M-F (AM)	4 Hours

Hypercoagulable Screen – includes PT, APTT, Thrombin Time, Fibrinogen, Protein C Functional, Protein S Activity, Antithrombin III Functional, Plasminogen, Factor V Leiden Screen (APCR) & Lupus Anticoagulant Screen; other tests to help confirm will be added if needed	D8810008 85610, 85670, 85385, 85300, 85420, 85307, 85613, 85303x2	65020 HYPER	3 blues tops or 3cc/tubes frozen plasma; plasma must be platelet-poor	M-F (batch)	72 Hours
Intrinsic Factors – test includes factors: II, V, VII, & X	P8770546 85210, 85220, 85230, 85260	65085 INTRI	2 blues tops or 2cc/tubes frozen plasma	M-F (batch)	4 Hours
Lupus Anticoagulant Screen – a nonspecific inhibitor (antiphospholipid antibody) - test includes PT, APTT, Thrombin Time, MRVVT, PTTLA; other tests to help confirm will be added if needed	D8810007 85610, 85670, 85613, 85730x2	65050 LASCR	2 blues tops or 2cc/tubes frozen plasma	M-F (batch)	72 Hours
Mixing Studies – APTT – for investigation of intrinsic factor deficiencies or a coagulation inhibitor	8810071A 85730	65018 SBPTT	1 blue top or 1cc/tube frozen plasma	M-F	2 Hours
Mixing Studies – PT – for investigation of extrinsic factor deficiencies or a coagulation inhibitor	8810082A 85610	65017 SBPT	1 blue top or 1cc/tube frozen plasma	M-F	2 Hours
Modified Russell's Viper Venom Time – MRVVT – part of screening tests for Lupus anticoagulant	8810065 85613	65063 MRVVT	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Plasminogen (activity) – a chromogenic method for the quantification of plasminogen	8810044 85421	65012 PLSMN	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Platelet Aggregation – used to detect abnormalities in platelet function	D8810083 85576x2	65053 PLTAG	20 cc of fresh citrated whole blood. Call lab to schedule test.	M-F (AM)	4 Hours
Protein C (antigen) – usually performed only if protein C functional is low	8810013 85302	65014 PCAG	1 blue top or 1cc/tube frozen plasma	M-F (batch)	24 Hours
Protein C (functional) – powerful anticoagulant	8810017 85303	65013 PCFUN	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Protein S (activity) – a cofactor to protein C and its anticoagulant behavior	8810017B 85303	65115 PSACT	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Protein S (free) – only the free form exhibits anticoagulant activity – free form is usually measured if activity level is low	8810016 85306	65015 PSFRE	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Prothrombin Time – PT – basic screening test for extrinsic pathway including factors II, V, VII and X.; also for monitoring coumadin levels.	8810058 85610	65001 PTINR	1 blue top or 1cc/tube frozen plasma	M-F	1 Hour

PT/APTT – basic screening tests for coagulation cascade	P8770535 85610, 85730	65019 PTTPT	1 blue top or 1cc/tube frozen plasma	M-F	1 Hour
PT-Post Heparin Removal – removes heparin and it's interfering effects	8810058C 85610	65073 PTHR	1 blue top or 1cc/tube frozen plasma	M-F	2 Hours
PTT – see APTT					
PTT-LA – part of screening tests for a Lupus Anticoagulant	8810070E 85730	65104 PTTLA	1 blue top or 1cc/tube frozen plasma	M-F	2 Hours
Serum Viscosity – measures viscosity of serum for macroglobulinemia or multiple myeloma	8810073 85810	65048 SMVIS	1 or 2, 10 ml red top – 4ml, minimum, of serum needed – may be frozen	M-F	4 Hours
Thrombin Time – TT – screens for dysfibrinogen; will be prolonged low fibrinogen, high FSPs, very high fibrinogen or dysfibrinogen	8810068A 85670	65004 TTSC	1 blue top or 1cc/tube frozen plasma	M-F	1 Hour
Von Willebrand Factor Antigen – usually low in von Willebrand's disease – part of von Willebrand Screen	8810023 85246	65051 VWAG	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours
Von Willebrand Profile – von Willebrand Screen should be performed first - for the determination of von Willebrand's disease – test includes Platelet Aggregation with ristocetin, Bleeding Time, PT, aPTT, Thrombin Time, von Willebrand's Factor Antigen, Factor VIII, and von Willebrand's Ristocetin Cofactor	C8810007 85610, 85730, 85670, 85245, 85002, 85246x2, 85576x2	65080 VWPRO	2 blue tops and 20 cc fresh citrated whole blood. Call lab to schedule test.	M-F (AM)	8 Hours
Von Willebrand Screen – a screen for von Willebrand's disease; test includes PT, aPTT, Thrombin Time, von Willebrand's Antigen, Factor VIII, and von Willebrand's Ristocetin Cofactor	P8810011 85610, 85730, 85670, 85245, 85245x2	65090 VWSCR	2 blues tops or 2cc/tubes frozen plasma	M-F (batch)	4 hours
vWF:Ristocetin Cofactor – measures the biologic activity of the vWF – part of von Willebrand Screen	8810024 85245	65042 VWRCO	1 blue top or 1cc/tube frozen plasma	M-F (batch)	2 Hours