
Reporting Title: Bleeding Diath Prof, Limited**Performing Location:** Rochester**Ordering Guidance:**

Multiple coagulation profile tests are available. See Coagulation Profile Comparison for testing that is performed with each profile.

Shipping Instructions:

Send the 6 aliquots in the same shipping container.

Necessary Information:

1. Note if patient is currently receiving anticoagulant (eg, heparin, Coumadin [warfarin]) treatment or any medication that could affect coagulation parameters.
2. Note if patient has been recently transfused.

Specimen Requirements:

Specimen Type: Platelet-poor plasma

Patient Preparation:

1. Patient should not be receiving anticoagulant treatment (eg, warfarin, heparin). Treatment with heparin causes false-positive results of in vitro coagulation testing for lupus anticoagulant. Coumadin (warfarin) treatment may impair ability to detect the more subtle varieties of lupus-like anticoagulants.
2. Patient should also not be receiving fibrinolytic agents (streptokinase, urokinase, tissue plasminogen activator [tPA]).
3. It is best to perform this study pretransfusion if possible. If patient has been recently transfused, wait at least 48 hours after transfusion to collect the specimen.

Collection Container/Tube: Light-blue top (3.2% sodium citrate)

Submission Container/Tube: Plastic vials

Specimen Volume: 6 mL in 6 plastic vials, each containing 1 mL

Collection Instructions:

1. Specimen must be collected prior to factor replacement therapy.
2. For complete instructions, see Coagulation Guidelines for Specimen Handling and Processing.
3. Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
4. Aliquot plasma (1-2 mL per aliquot) into 6 separate plastic vials, leaving 0.25 mL in the bottom of centrifuged vial.
5. Freeze plasma immediately (no longer than 4 hours after collection) at -20 degrees C or, ideally, -40 degrees C or below.

Additional Information:

1. Double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
2. Each coagulation assay requested should have its own vial.

Specimen Minimum Volume:

4 Plastic vials, each containing 1 mL

Forms:

1. Coagulation Patient Information (T675)
2. If not ordering electronically, complete, print, and send a Coagulation Test Request (T753) with the specimen.

Specimen Type	Temperature	Time	Special Container
Plasma Na Cit	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
603322	Reviewed by	Alphanumeric		18771-6
603181	Limited Bleed Prof Interp	Alphanumeric		69049-5
PTSEC	Prothrombin Time (PT), P Also used by tests: PTSC	Numeric	sec	5902-2
INRSC	INR Also used by tests: PTSC	Numeric		6301-6
APTSC	Activated Partial Thrombopl Time, P Also used by tests: APTSC	Numeric	sec	14979-9
TTSC	Thrombin Time (Bovine), P Also used by tests: TTSC	Numeric	sec	46717-5
CLFIB	Fibrinogen, Clauss, P Also used by tests: CLFIB	Numeric	mg/dL	48664-7
DIMER	D-Dimer, P Also used by tests: DIMER	Numeric	ng/mL FEU	48067-3
F8A	Coag Factor VIII Activity Assay, P Also used by tests: F8A	Numeric	%	3209-4
F_9	Coag Factor IX Assay, P Also used by tests: F_9	Numeric	%	3187-2
9068	Factor XIII(13),Scrn	Alphanumeric		3241-7
VWAG	von Willebrand Factor Ag, P Also used by tests: VWAG	Numeric	%	27816-8

Result ID	Reporting Name	Type	Unit	LOINC®
VWACT	von Willebrand Factor Activity, P Also used by tests: VWACT	Numeric	%	68324-3

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
ALBLI	Limited Bleed Prof Interp			Yes	No
PTSC	Prothrombin Time (PT), P			Yes	Yes (order PTTP)
APTSC	Activated Partial Thrombopl Time, P			Yes	Yes (order APTTP)
TTSC	Thrombin Time (Bovine), P			Yes	Yes
CLFIB	Fibrinogen, Clauss, P			Yes	Yes (order FIBTP)
DIMER	D-Dimer, P			Yes	Yes (order DDITT)
F8A	Coag Factor VIII Activity Assay, P			Yes	Yes
F_9	Coag Factor IX Assay, P			Yes	Yes
FXIII	Factor XIII(13),Scrn			Yes	No
VWAG	von Willebrand Factor Ag, P			Yes	Yes
VWACT	von Willebrand Factor Activity, P			Yes	Yes

CPT Code Information:

85610-PTSC
 85730-APTSC
 85670-TTSC
 85384-CLFIB
 85379-DIMER
 85390-26-ALBLI
 85240-F8A
 85250-F_9
 85291-FXIII

85246-VWAG
85397-VWACT
85130-Chromogenic factor VIII (if appropriate)
85130-Chromogenic factor IX (if appropriate)
85210-Factor II (if appropriate)
85220-Factor V (if appropriate)
85230-Factor VII (if appropriate)
85245-Ristocetin cofactor (if appropriate)
85247-von Willebrand factor multimer (if appropriate)
85260-Factor X (if appropriate)
85270-Factor XI (if appropriate)
85280-Factor XII (if appropriate)
85300-Antithrombin activity (if appropriate)
85301-Antithrombin antigen (if appropriate)
85335-Bethesda units (if appropriate)
85335-Factor II inhibitor screen (if appropriate)
85335-Factor V inhibitor screen (if appropriate)
85335-Factor VII Inhibitor screen (if appropriate)
85335-Factor VIII inhibitor screen (if appropriate)
85335-Factor IX inhibitor screen (if appropriate)
85335-Factor X inhibitor screen (if appropriate)
85335-Factor XI inhibitor screen (if appropriate)
85366-Soluble fibrin monomer (if appropriate)
85385-PT-Fibrinogen (if appropriate)
85410-Alpha-2 plasmin inhibitor (if appropriate)
85415-PAI-1 Ag (if appropriate)
85420-Plasminogen Activity (if appropriate)
85597-Platelet neutralization for lupus inhibitor (if appropriate)
85598-Hex LA (if appropriate)
85611-PT mix 1:1 (if appropriate)
85613-DRVVT (if appropriate)
85613-DRVVT mix (if appropriate)
85613-DRVVT confirm (if appropriate)
85635-Reptilase time (if appropriate)
85732-APTT mix 1:1 (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
GBETH	General Factor Bethesda Units, P			No	No
5BETH	FV Bethesda Units, P			No	No
8BETH	FVIII Bethesda Units, P			No	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
9BETH	FIX Bethesda Units, P			No	No
F8IS	Coag Factor VIII Assay Inhib Scrn,P			No	No
RIST	Ristocetin Cofactor, P			No	No
FACTV	Coag Factor V Assay, P			No	Yes
F_7	Coag Factor VII Assay, P			No	Yes
F_10	Coag Factor X Assay, P			No	Yes
F_11	Coag Factor XI Assay, P			No	Yes
F_12	Coag Factor XII Assay, P			No	Yes
F_2	Coag Factor II Assay, P			No	Yes
F9_IS	Factor IX Inhib Scrn			No	No
F5_IS	Factor V Inhib Scrn			No	No
F2_IS	Factor II Inhib Scrn			No	No
F7_IS	Factor VII Inhib Scrn			No	No
10_IS	Factor X Inhib Scrn			No	No
11_IS	Factor XI Inhib Scrn			No	No
PNP	Platelet Neutralization Procedure			No	No
PSGN	Plasminogen Activity, P			No	Yes
PAI1	PAI-1 Ag, P			No	Yes
CH9	Chromogenic FIX, P			No	Yes
ATTI	Antithrombin Antigen, P			No	Yes
ATTF	Antithrombin Activity, P			No	Yes
PTMSC	PT Mix 1:1			No	No
APMSC	APTT Mix 1:1			No	No
DRV2	DRVVT Mix			No	No
DRV3	DRVVT Confirmation			No	No
VWFMP	von Willebrand Factor Multimer, P			No	Yes (order VWFMS)
DRV1	Dilute Russells Viper Venom Time, P			No	Yes (order DRV11)
PTFIB	PT-Fibrinogen, P			No	No
SOLFM	Soluble Fibrin Monomer			No	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
RTSC	Reptilase Time, P			No	Yes
A2PI	Alpha-2 Plasmin Inhibitor, P			No	Yes
CHF8	Chromogenic FVIII, P			No	Yes
HEXLA	HEX LA, P			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
RIST	9046	Ristocetin Cofactor, P	Numeric	%	6014-5
GBETH	607434	General Factor Bethesda Units, P	Numeric	BU	13591-3
5BETH	607433	FV Bethesda Units, P	Numeric	BU	3191-4
8BETH	607431	FVIII Bethesda Units, P	Numeric	BU	3204-5
9BETH	607432	FIX Bethesda Units, P	Numeric	BU	3185-6
F8IS	7289	Coag Factor VIII Assay Inhib Scrn,P	Alphanumeric		3206-0
FACTV	FACTV	Coag Factor V Assay, P	Numeric	%	3193-0
F_7	F_7	Coag Factor VII Assay, P	Numeric	%	3198-9
F_10	F_10	Coag Factor X Assay, P	Numeric	%	3218-5
F_11	F_11	Coag Factor XI Assay, P	Numeric	%	3226-8
F_12	F_12	Coag Factor XII Assay, P	Numeric	%	3232-6
F_2	F_2	Coag Factor II Assay, P	Numeric	%	3289-6
F9_IS	7802	Factor IX Inhib Scrn	Alphanumeric		30086-3
F5_IS	7808	Factor V Inhib Scrn	Alphanumeric		81124-0
F2_IS	7806	Factor II Inhib Scrn	Alphanumeric		96454-4
F7_IS	7810	Factor VII Inhib Scrn	Alphanumeric		81123-2
10_IS	7812	Factor X Inhib Scrn	Alphanumeric		39556-6
11_IS	7804	Factor XI Inhib Scrn	Alphanumeric		80603-4
PNP	PNPPL	Platelet Neutralization Procedure	Numeric	sec	75506-6
PNP	PNPSA	PNP Buffer Control	Numeric	sec	103619-3
PSGN	PSGN	Plasminogen Activity, P	Numeric	%	28660-9
PAI1	86083	PAI-1 Ag, P	Numeric	ng/mL	22758-7

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CH9	CH9	Chromogenic FIX, P	Numeric	%	88449-4
ATTI	ATTI	Antithrombin Antigen, P	Numeric	%	27812-7
ATTF	ATTF	Antithrombin Activity, P	Numeric	%	27811-9
PTMSC	PTMSC	PT Mix 1:1	Numeric	sec	5959-2
APMSC	APMSC	APTT Mix 1:1	Numeric	sec	5946-9
DRV2	RVMR2	DRVVT Mix Ratio	Numeric	ratio	75512-4
DRV3	RVCR3	DRVVT Confirm Ratio	Numeric	ratio	50410-0
VWFMP	604411	von Willebrand Factor Multimer, P	Alphanumeric		32217-2
VWFMP	604412	VWF Multimer Interpretation	Alphanumeric		48595-3
DRV1	RVR1	DRVVT Screen Ratio	Numeric	ratio	15359-3
PTFIB	PTFIB	PT-Fibrinogen, P	Numeric	mg/dL	3255-7
SOLFM	SOLFM	Soluble Fibrin Monomer	Numeric	mcg/mL	93748-2
RTSC	RTSC	Reptilase Time, P	Numeric	sec	6683-7
A2PI	A2PI	Alpha-2 Plasmin Inhibitor, P	Numeric	%	27810-1
CHF8	CHF8	Chromogenic FVIII, P	Numeric	%	49865-9
HEXLA	HXDLT	HEX LA Delta	Numeric	sec	96267-0

Reference Values:

An interpretive report will be provided.