

## COAGULATION SERVICES

# Helping provide better patient care with a consultative approach

Labcorp's coagulation services provide a broad spectrum of expertise in hemostasis testing.

### Innovation

Labcorp is committed to maintaining its leadership in coagulation testing.

#### Hemophilia Assessment

Unique inhibitor profiles and hemophilia replacement product assays

#### Abnormal APTT/PT Evaluation

An algorithmic, physician-directed approach to help identify the basis for abnormal APTT/PT screening assays

#### Bleeding Diathesis Diagnosis

Esoteric assays help detect abnormalities in various pathways to determine a patient's hemorrhagic risk

#### von Willebrand's Disease

Variety of assays including multimer analysis and collagen binding activity with pathologist review

#### Pediatric Profiles (Bleeding and Clotting)

Specialized test combinations with minimum volume requirements

#### Direct Oral Anticoagulants (DOAC)

Leaders in the investigation and publication of peer-reviewed literature about DOAC measurement and interference in special coagulation assays

### Scientific Expertise

We have more than 40 years of experience offering distinctive services with a consultative focus.

- On-staff, board-certified pathologists experienced in hemostasis testing accessible for expert consultation
- Reflexive cascade testing
- Profiles established using current clinical guidelines
- Recognized leader in clinical trials

### Superior Service

Labcorp's national infrastructure allows for a seamless, integrated service that makes it easier for providers to manage their coagulation testing needs.

- Physician-to-physician consultations and written pathologist interpretations
- Custom profile options
- 30-day sample retention
- Cost-efficient test profiles



#### Scientific Team

On-staff, board-certified pathologists experienced in hemostasis testing accessible for expert consultation

Test Name	Test Includes	Test No.	Specimen	Volume	
<b>Abnormal PT/aPTT Reflexive Profile (Esoterix)</b>	aPTT PT/INR dRVVT Pathologist Interpretation	Thrombin Time (Additional assays will be performed as necessary to determine the cause of the abnormality.) Hexagonal Phospholipid Neutralization	503335	Citrated plasma, frozen	Three 1 mL platelet-poor frozen tubes
<b>Antiphospholipid Syndrome (APS), Comprehensive (Esoterix)</b>	aPTT (If prolonged, aPTT will reflex to Immediate aPTT Mixing Studies.) Anticardiolipin Antibody, IgA/G/M Antiphosphatidylserine, IgG/M Antiprothrombin Antibody, IgG	β2-Glycoprotein I, IgA/G/M dRVVT Hexagonal Phospholipid Neutralization Lupus Anticoagulant Interpretation Platelet Neutralization Procedure	504400	Serum and plasma, frozen	Three 2 mL each frozen citrated plasma tubes and two 1mL tubes frozen serum
<b>Bleeding Diathesis With Normal aPTT/PT Profile (Esoterix)†</b>	α2-Antiplasmin Assay Euglobulin Lysis Time Factor VIII Activity Factor VIII Chromogenic Factor IX Activity Factor XI Activity	Factor XIII Activity Fibrinogen Activity PAI-1 Activity (Reflex to PAI-1 Antigen and Tissue Plasminogen Activator (tPA) Antigen) von Willebrand Factor Activity von Willebrand Factor Antigen	503541	Plasma, frozen	7 mL platelet-poor frozen citrated plasma divided into seven tubes
<b>Fibrinogen Evaluation Profile III (Esoterix)</b>	Fibrinogen Activity Fibrinogen Antigen Reptilase Time	Thrombin Time Mixing Studies (Thrombin Time 1:1 NP), Thrombin Time—Heparin Neutralization	500700	Plasma, frozen	Two tubes 1 mL each
<b>Fibrinolysis Profile II (Esoterix)</b>	α2-Antiplasmin D-dimer Quantitative (Automated) Euglobulin Lysis Time Fibrin Degradation Products	PAI-1 Activity Plasminogen Activity tPA Antigen	502360	Plasma, frozen	Four 2 mL platelet-poor, frozen tubes
<b>Intrinsic Pathway Coagulation Factor Profile (Esoterix)</b>	Factor VIII Activity Factor IX Activity	Factor XI Activity Factor XII Activity	500705	Plasma, frozen	Two tubes of 1 mL each
<b>Lupus Anticoagulant/ Cardiolipin Antibody (Esoterix)</b>	aPTT (If prolonged, aPTT will reflex to Immediate aPTT Mixing Studies.) Anticardiolipin Antibody, IgG/M β2-Glycoprotein I, IgA/G/M dRVVT	Hexagonal Phospholipid Neutralization Lupus Anticoagulant Interpretation PT/INR Thrombin Time	500711	Plasma and serum, frozen	Three tubes of citrated plasma with 2 mL each and 2 mL serum
<b>Markers of Coagulation Activation (Esoterix)</b>	D-dimer Quantitative (Automated) Prothrombin Fragment 1+2 MoAb	Thrombin-Antithrombin Complex	500604	Plasma, frozen	2 mL
<b>Oral Contraceptive / Hormone Replacement Therapy Thrombotic Risk Profile II (Esoterix)</b>	Antithrombin (AT) Activity Factor II Gene Mutation Factor V Leiden	Pathologist Interpretation Protein C Activity (Chromogenic) Protein S Antigen, Free	502343	Plasma and whole blood EDTA	3 mL platelet-poor frozen citrated plasma divided into three 1 mL tubes and 5 mL whole blood
<b>Recurrent Miscarriage / Fetal Demise Profile (Esoterix)</b>	aPTT (If prolonged, aPTT will reflex to Immediate aPTT Mixing Studies.) Anticardiolipin Antibody, IgA/G/M Antiphosphatidylserine, IgG/M Antithrombin (AT) Activity β2-Glycoprotein I, IgA/G/M dRVVT Factor II Gene Mutation	Factor V Leiden Factor XIII Activity Hexagonal Phospholipid Neutralization Homocysteine Lupus Anticoagulant Interpretation PAI-1 Activity Protein C Activity (Chromogenic) Protein S Antigen, Free	502051	Serum, plasma, and whole blood	Five 1 mL tubes of platelet-poor frozen citrated plasma and 5 mL whole blood EDTA and 2 mL frozen serum
<b>ThrombAssure Inherited</b>	Factor II Gene Mutation Factor V Leiden Antithrombin Activity	Protein C Activity Protein S Antigen, Free	501496	Plasma and whole blood EDTA	2 tubes 1mL each frozen citrated plasma, 5mL EDTA whole blood
<b>Venous Thrombosis Profile (Esoterix)</b>	APC-Resistance (Reflex to Factor V Leiden if APCR is abnormal) aPTT (If prolonged, aPTT will reflex to Immediate aPTT Mixing Studies.) Anticardiolipin Antibody, IgG/M Antithrombin (AT) Activity β2-Glycoprotein I, IgA/G/M dRVVT	Factor II Gene Mutation Factor VIII Activity Hexagonal Phospholipid Neutralization Homocysteine Lupus Anticoagulant Interpretation Protein C Activity (chromogenic) Protein S Antigen, Free	501790	Serum, plasma, and whole blood	Three 2 mL platelet-poor, frozen citrated plasma tubes, 5 mL whole blood EDTA, and 2 mL frozen serum
<b>Venous Thrombosis (Hypercoagulability) Profile for Patients on Vitamin K Antagonist (VKA) Therapy (Esoterix)‡</b>	APC-Resistance (Reflex to Factor V Leiden if APCR is abnormal) aPTT (If prolonged, aPTT will reflex to Immediate aPTT Mixing Studies.) Anticardiolipin Antibody, IgG/M Antithrombin (AT) Activity β2-Glycoprotein I, IgA/G/M dRVVT Factor II Gene Mutation	Factor VIII Activity Hexagonal Phospholipid Neutralization Homocysteine Lupus Anticoagulant Interpretation Protein C Antigen Protein S Antigen, Total Factor VII Antigen Protein C Antigen/Factor VII Antigen Ratio Protein S Antigen/Factor VII Antigen Ratio	501768	Serum, plasma, and whole blood	6 mL (2 mL in each of three tubes) platelet-poor citrated plasma, frozen, 5 mL whole blood EDTA, and 2 mL serum, frozen
<b>von Willebrand Disease Reflexive Profile</b>	Factor VIII Activity; von Willebrand Ristocetin Cofactor Activity; von Willebrand Factor Antigen, pathologist interpretation; with reflex to Collagen-binding Activity Profile and von Willebrand Factor (vWF) Multimers if abnormal results are suggestive of von Willebrand Disease		504808	Citrated plasma, frozen	Two tubes of 2 mL each
<b>Pathologist Interpretation</b>	Pathologist interpretation can be added to any of the profiles above by ordering 500683		500683		

† If reflex testing is performed, additional charge(s)/CPT code(s) may apply.

‡ This procedure may be considered by Medicare and other carriers as investigational and, therefore, may not be payable as a covered benefit for patients.

Please contact your local account representative for more information, or visit [specialtytesting.labcorp.com/services/coagulation](https://specialtytesting.labcorp.com/services/coagulation)

