

## Phoenix, AZ Laboratory - Test Menu

### Phoenix, AZ Laboratory

Test Number	Billing E-code	Test Name	CPT Code	Specimen Requirement	Methodology	Assay Schedule	Reference Range	Available for STAT Testing (Y/N)	Performing Location
320908	E90237	Abnormal PT/aPTT Reflexive Profile (aPTT, Prothrombin Time/INR, Thrombin Time. Reflex to aPTT, PT, or TT Mixing Studies as needed)	85610; 85670; 85730, plus additional CPT codes according to reflex testing	Collect six 2.7 mL blue-top tubes, or two 5 mL blue-top tubes. Aliquot platelet-poor plasma into three tubes, 2 mL each, <b>frozen</b> citrated plasma. See reflex algorithm.	Clot, calculation	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320038	E90004	Activated Partial Thromboplastin Time (aPTT)	85730	1 mL <b>frozen</b> citrated plasma	Clotting	M - F	0-3d: NE 4d - 6m: 23.1 - 32.5 sec 7m - 17y: 23.1 - 30.1 sec 18y+: 22.9 - 30.2 sec	Y	Phoenix, AZ
320082	E40099	Activated Protein C Resistance (APCR)	85307	1 mL <b>frozen</b> citrated plasma	Clotting	M,W,Th	2.2 - 4.0 ratio	N	Englewood, CO
320031	E90000	Alpha-2 Antiplasmin (A2AP)	85410	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Chromogenic	M - F	80% - 150%	Y	Phoenix, AZ
320164	E40066	Anticardiolipin Antibody IgA	86147	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	T, W, Th, Sat	Negative: <12 APL units Indeterminate: 12-20 APL units Low to Medium Positive: 20-80 APL units High Positive: >80 APL units	N	Englewood, CO
320161	E40064	Anticardiolipin Antibody IgG	86147	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	T, W, Th, Sat	Negative: <15 GPL units Indeterminate: 15-20 GPL units Low to Medium Positive: 20-80 GPL units High Positive: >80 GPL units	N	Englewood, CO
320162	E40065	Anticardiolipin Antibody IgM	86147	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	T, W, Th, Sat	Negative: <13 MPL units Indeterminate: 13-20 MPL units Low to Medium Positive: 20-80 MPL units High Positive: >80 MPL units	N	Englewood, CO
320032	E90096	Anticardiolipin Antibodies, IgA, IgG, IgM	86147(x3)	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	T, W, Th, Sat	See individual assays	N	Englewood, CO
320157	E41611	Antiphosphatidylserine IgG	86148	1 mL <b>frozen</b> serum or <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	W	<16 GPS	N	Englewood, CO
320158	E41612	Antiphosphatidylserine IgM	86148	1 mL <b>frozen</b> serum or <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	W	<22 MPS	N	Englewood, CO
320034	E90100	Antiphosphatidylserine Abs(aPS) - IgG, IgM, IgA	86148(x3)	1 mL <b>frozen</b> serum (preferred) or <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	W	<16 GPS, <22 MPS, <20 APS	N	Englewood, CO
320012	E90244	Antiplatelet Alloantibodies (Ia/Ib Plt Alloantibody, Ib/IX Plt Alloantibody, IIb/IIa Plt Alloantibody, IV Plt Alloantibody, HLA Class I Plt Alloantibody)	86022(x5)	Two tubes, 1 mL each, <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	See individual assays	See individual assays	N	Phoenix, AZ
320521	E90084	Antiplatelet Antibody, Drug-induced***	86022(x4)	1 mL <b>frozen</b> serum	Flow cytometry	Blood Center SE Wisconsin	Negative	N	Blood Center SE Wisconsin
320035	E90038	Antithrombin - Plasma Activity (AT III)	85300	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Chromogenic	M - F	0-3d: 27 - 55% 4d - 6m: 35 - 120% 7m - adult: 75 - 135%	Y	Phoenix, AZ
320036	E40037	Antithrombin - Plasma Antigen (AT III)	85301	1 mL <b>frozen</b> citrated plasma	Latex immunoassay (LIA)	Tu	68%-128%	N	Englewood, CO

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320003	E90029	APS 1 - LA, ACL (Antiphospholipid Antibody Syndrome) (Prothrombin Time With INR, Activated Partial Thromboplastin Time, dRVVT, Anticardiolipin Ab IgG/IgM/IgA, PNP, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation) <b>Note:</b> May include PT Mixing Study, and/or aPTT Mixing Study.	85597; 85598; 85610; 85613(x2); 85730; 85732(x2); 86147(x3)	Two tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum	Clot, enzyme-linked immunoassay (ELISA)	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320009	E90030	APS II - LA, ACL, Anti-B2GPI (AntiPhospholipid Antibody Syndrome) (Prothrombin Time with INR, Activated Partial Thromboplastin Time, dRVVT, Anticardiolipin Ab IgG/IgM/IgA, B-2 Glycoprotein I IgG/IgM/IgA, PNP, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation) <b>Note:</b> May include PT Mixing Study, and/or aPTT Mixing Study.	85597; 85598; 85610; 85613(x2); 85730; 85732(x2); 86146(x3); 86147(x3)	Two tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum	Clot, enzyme-linked immunoassay (ELISA)	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320011	E90031	APS III - LA, ACL, Anti-B2GPI,aPS (AntiPhospholipid Antibody Syndrome) (Prothrombin Time with INR, Activated Partial Thromboplastin Time, dRVVT, Anticardiolipin Ab IgG/IgM/IgA, B-2 Glycoprotein I IgG/IgM/IgA, Antiphosphatidyl Serine IgG/IgM/IgA, PNP, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation) <b>Note:</b> May include PT Mixing Study, and/or aPTT Mixing Study	85597; 85598; 85610; 85613(x2); 85730; 85732(x2); 86146(x3); 86147(x3); 86148(x3)	Two tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum	Clot, enzyme-linked immunoassay (ELISA)	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320037	E90104	Beta-2 Glycoprotein I Abs (B2GPI) - IgA, IgG, IgM	86146 x 3	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	W	Negative: ≤ 20 SGU/SMU/SAU units Positive: >20 SGU/SMU/SAU units	N	Englewood, CO
320169	E41616	Beta-2 Glycoprotein I IgA	86146	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	W	<21 SGU, SAU, or SMU units	N	Englewood, CO
320167	E41614	Beta-2 Glycoprotein I IgG	86146	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	W	<21 SGU, SAU, or SMU units	N	Englewood, CO
320168	E41615	Beta-2 Glycoprotein I IgM	86146	1 mL <b>frozen</b> serum	Enzyme-linked immunoassay (ELISA)	W	<21 SGU, SAU, or SMU units	N	Englewood, CO
320041	E40063	C4b Binding Protein	83520 This procedure may be considered by Medicare and other carriers as investigational and, therefore, may not be payable as a covered benefit for patients.	1 mL <b>frozen</b> citrated plasma	Latex immunoassay (LIA)	Tu	50%-130%	N	Englewood, CO
320040	E40081	C-Reactive Protein (CRP) High Sensitivity	86141	1 mL <b>frozen</b> serum (preferred) or <b>frozen</b> citrated plasma	Nephelometry	Tu	See report comment	N	Englewood, CO
300203	E40071	Cryofibrinogen	82585	1 mL <b>frozen</b> serum <b>and</b> 1 mL <b>frozen</b> citrated plasma	Manual	M,T,W,Th	Negative	N	Englewood, CO
320043	E90006	D-Dimer Quantitative	85379	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Latex immunoassay - Immunoturbidometric	M - F	<0.5 ug/mL FEU	N	Englewood, CO
320007	E90035	DIC Panel I (Fibrinogen Activity, D-Dimer Quantitation, Antithrombin Activity, Alpha-2 Antiplasmin)	85300; 85379; 85384; 85410	Three tubes, 2 mL each, <b>frozen</b> citrated plasma	Clot, hemagglutination, latex immunoassay (LIA) immunoturbidometric, chromogenic	See individual assays	See individual assays	Y	Phoenix, AZ and Englewood, CO

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320008	E90114	DIC Panel II (Fibrinogen Activity, D-Dimer Quantitation, Antithrombin Activity, Alpha-2 Antiplasmin, Factor V Activity, Factor VIII Activity)	85220; 85240; 85300; 85379; 85384; 85410	Three tubes, 2 mL each, <b>frozen</b> citrated plasma	Clot, hemagglutination, latex immunoassay (LIA) immunoturbidometric, chromogenic	See individual assays	See individual assays	Y	Phoenix, AZ and Englewood, CO
320042	E90042	Dilute Russell's Viper Venom Time (dRVVT)	85613(x2)	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	dRVVT Screen: 0.0 - 44.0 sec dRVVT Confirmation: 0.8 - 1.2 ratio	Y	Phoenix, AZ
320247	E90241	Direct Platelet Autoantibody Assay (For ITP) (GP IIb/IIIa Antibodies, GP Ib/IX Antibodies, GP Ia/IIa Antibodies)	86022(x3)	Collect two yellow-top (ACD) tubes of whole blood; store and ship at room temp. Sample should be received by lab within 24 hours of collection. Do <b>not</b> collect or ship on Saturday.	Enzyme-linked immunoassay (ELISA)	See individual assays	See individual assays. Assay detects the presence and type of autoantibodies present on the patient's platelets in the evaluation of ITP.	N	Phoenix, AZ
320120	E90115	Dysfibrinogenemia Evaluation (Fibrinogen Activity, Fibrinogen Antigen, Reptilase Time, Thrombin Time)	85384; 85385; 85635; 85670	Three tubes, 2 mL each, <b>frozen</b> citrated plasma	Clot, nephelometry	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320045	E90007	Factor II Activity	85210	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	0 - 3d: NE 4d - 6m: 19 - 77% 7m - adult: 50 - 154%	Y	Phoenix, AZ
320024	E50139	Factor II Mutation (G20210A)	81240	5 mL room temp whole blood in lavender-top (EDTA) tube, yellow-top (ACD) tube, or blue-top (sodium citrate) tube or buccal swab. Informed consent required for NY patients.	Polymerase chain reaction (PCR), restriction fragment length polymorphism (RFLP)	M - F	Normal (no mutation present)	N	Englewood, CO
320046	E90043	Factor V Activity	85220	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	0 - 3d: NE 4d - 6m: 34 - 108% 7m - adult: 70 - 150%	Y	Phoenix, AZ
320026	E50137	Factor V Leiden Mutation	81241	5 mL room temp whole blood in lavender-top (EDTA) tube, yellow-top (ACD) tube, or blue-top (sodium citrate) tube or buccal swab. Informed consent required for NY patients.	Polymerase chain reaction (PCR), amplification-refractory mutation system (ARMS)	M, W	G-G Normal-Normal	N	Englewood, CO
320116	E90133	Factor V R2 DNA Polymorphism	81400	5 mL room temp whole blood in lavender-top (EDTA) tube, yellow-top (ACD) tube, or blue-top (sodium citrate) tube. Informed consent required for NY patients.	Polymerase Chain Reaction (PCR)	Th	A-A Normal-Normal	N	Englewood, CO
320047	E90044	Factor VII Activity	85230	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	0 - 3d: NE 4d - 6m: 31 - 111% 7m - adult: 51 - 186%	N	Phoenix, AZ
320048	E90045	Factor VIII Activity	85240	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	57 - 163%	Y	Phoenix, AZ
320049	E90046	Factor VIII Inhibitor (Bethesda)	85335 x 2	Two tubes, 2 mL each, <b>frozen</b> citrated plasma	Clotting	M - F	<0.8 Bethesda units	N	Englewood, CO
320051	E90048	Factor IX Activity	85250	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	0 - 3d: 21 - 65% 4d - 6m: 19 - 78% 7m - 10y: 52 - 111% 11y - 61y: 57 - 136% 17y - adult: 60 - 177%	N	Phoenix, AZ
320052	E40072	Factor IX Antigen	85250	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	M	60-150%	N	Englewood, CO
320053	E90050	Factor IX Inhibitor (Bethesda)	85335(x2)	Two tubes, 2 mL each, <b>frozen</b> citrated plasma	Clotting	M - F	<0.8 Bethesda Units	N	Englewood, CO
320054	E90051	Factor X Activity	85260	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	0 - 3d: NE 4d - 6m: 41 - 90% 7m - adult: 76 - 183%	Y	Phoenix, AZ
320055	E90052	Factor XI Activity	85270	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	0 - 3d: NE 4d - 6m: 32 - 86% 7m - adult: 60 - 150%	Y	Phoenix, AZ

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320056	E90053	Factor XII Activity	85280	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	50%-150%	N	Englewood, CO
320057	E40054	Factor XIII Activity	85290 This procedure may be considered by Medicare and other carriers as investigational and, therefore, may not be payable as a covered benefit for patients.	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Chromogenic	Tu	60%-150%	N	Englewood, CO
320060	E90010	Fibrinogen Activity	85384	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	160-420 mg/dL	Y	Phoenix, AZ
320061	E40069	Fibrinogen Antigen	85385	1 mL <b>frozen</b> citrated plasma	Radial immunodiffusion (RID)	T	180-400 mg/dL	N	Englewood, CO
320059	E90058	Fibrin Split Products (FDP)	85362	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Latex agglutination	M - F	Negative	Y	Phoenix, AZ
320016	E90037	Hereditary Thrombosis Risk Panel (HTRP) (Antithrombin Activity, Protein C Activity, Protein S Activity, Activated Protein C Resistance, Factor II Activity, Lipoprotein (a), Homocysteine)	83090; 83695; 85210; 85300; 85303; 85306; 85307; 85415	Three tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum	Chromogenic, clot, Bioimmunoassay, nephelometry, fluorescence polarization immunassay (FPIA)	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320017	E90118	Hereditary Thrombosis Screen I (Antithrombin Activity, Protein C Activity, Protein S Activity, Activated Protein C Resistance, Factor II Activity)	85210; 85300; 85303; 85306; 85307	Three tubes, 2 mL each, <b>frozen</b> citrated plasma	Chromogenic, clot	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320018	E90119	Hereditary Thrombosis Screen II (Coumadin) (Antithrombin Activity, Protein C Antigen, Protein S Antigen, Factor IX Antigen, Protein C/Factor IX Antigen Ratio, Protein S/Factor IX Antigen Ratio, Activated Protein C Resistance)	85250; 85300; 85302; 85305; 85307	Three tubes, 2 mL each, <b>frozen</b> citrated plasma	Chromogenic, clot, enzyme-linked immunoassay (ELISA)	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320020	E90033	Hypercoagulation Panel - No Meds (Antithrombin Activity, Protein C Activity, Protein S Activity, Activated Protein C Resistance, Fibrinogen Activity, Prothrombin Time/INR, Activated Partial Thromboplastin Time, dRVVT, Lipoprotein (a), Homocysteine, Factor II Mutation, Platelet Activation by Flow, PNP, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation) Note: May include PT Mixing Study, and/or aPTT Mixing Study	81240; 83090; 83695; 85300; 85303; 85306; 85307; 85384, 85597; 85598; 85610; 85613(x2); 85730; 85732(x2); 88184; 88185	Three tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum <b>and</b> one tube, 6 mL whole blood room temp in ACD A or B yellow-top tube <b>and</b> one tube, 5 mL whole blood room temp in lavender-top (EDTA) tube. Specimens must be received by lab within 24 hours of collection. Informed consent required for NY patients.	Chromogenic, clot, nephelometry, fluorescence polarization immunassay (FPIA), polymerase chain reaction (PCR), flow cytometry	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320022	E90121	Hypercoagulation Panel - Coumadin (Antithrombin Activity, Protein C Antigen, Protein S Antigen, Factor IX Antigen, Protein C/Factor IX Antigen Ratio, Protein S/Factor IX Antigen Ratio, Activated Protein C Resistance, Fibrinogen Activity, dRVVT, Lipoprotein (a), Homocysteine, Factor II Mutation, Platelet Activation by Flow, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation)	81240; 83090; 83695; 85300; 85302; 85305; 85307; 85384; 85250; 85598; 85613(x2); 88184; 88185	Three tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum <b>and</b> one tube, 6 mL whole blood room temp in ACD A or B yellow-top tube <b>and</b> one tube, 5 mL whole blood room temp in lavender-top (EDTA) tube. Specimens must be received by lab within 24 hours of collection. Informed consent required for NY patients.	Chromogenic, enzyme-linked immunoassay (ELISA), clot, nephelometry, fluorescence polarization immunassay (FPIA), polymerase chain reaction (PCR), flow cytometry	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO

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320021	E90120	Hypercoagulation Panel - Heparin (Antithrombin Activity, Protein C Activity, Protein S Activity, Activated Protein C Resistance, Fibrinogen Activity, Dilute Russell's Viper Venom Time Screen, Dilute Russell's Viper Venom Time Confirm, Lipoprotein (a), Homocysteine, Factor II Mutation, Platelet Activation by Flow, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation)	81240; 83090; 83695; 85300; 85303; 85306; 85307; 85384; 85598; 85613(x2); 88184; 88185	Three tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum <b>and</b> one tube, 6 mL whole blood room temp in ACD A or B yellow-top tube <b>and</b> one tube, 5 mL whole blood room temp in lavender-top (EDTA) tube. Specimens must be received by lab within 24 hours of collection. Informed consent required for NY patients.	Chromogenic, clot, nephelometry, fluorescence polarization immunassay (FPIA), polymerase chain reaction (PCR), flow cytometry	See individual assays	See individual assays	N	Phoenix, AZ
320023	E90122	Hypercoagulation Panel - Heparin and Coumadin (Antithrombin Activity, Protein C Antigen, Protein S Antigen, Protein S Antigen, Factor IX Antigen, Protein C/Factor IX Antigen Ratio, Protein S/Factor IX Antigen Ratio, Activated Protein C Resistance, Fibrinogen Activity, dRVVT, Lipoprotein (a), Homocysteine, Factor II Mutation, Platelet Activation by Flow, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation)	81240; 83090; 83695; 85250; 85300; 85302; 85305; 85307; 85384; 85598; 85613(x2), 88184; 88185	Three tubes, 2 mL each, <b>frozen</b> citrated plasma <b>and</b> two tubes, 1 mL each, <b>frozen</b> serum <b>and</b> one tube, 6 mL whole blood room temp in ACD A or B yellow-top tube <b>and</b> one tube, 5 mL whole blood room temp in lavender-top (EDTA) tube. Specimens must be received by lab within 24 hours of collection. Informed consent required for NY patients.	Chromogenic, enzyme-linked immunoassay (ELISA), clot, nephelometry, fluorescence polarization immunassay (FPIA), polymerase chain reaction (PCR), flow cytometry	See individual assays	See individual assays	N	Phoenix, AZ and Englewood, CO
320064	E90012	Heparin Assay, Low Molecular Weight Heparin (LMWH)	85520	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Chromogenic	M - F	2x daily injection enoxaparin or nadroparin: 0.6 - 1.0 IU/mL 1x daily enoxaparin: >1.0IU/mL 1x daily tinazparin: >0.85 IU/mL 1x daily nadroparin: 1.3 IU/mL 1x daily dalteparin: in the range of 1.05 IU/mL	N	Englewood, CO
320063	E90011	Heparin Assay, Standard	85520	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Chromogenic	M - F	0.3 - 0.7 IU/mL	N	Englewood, CO
320004	E40059	Heparin Cofactor II	85130 This procedure may be considered by Medicare and other carriers as investigational and, therefore, may not be payable as a covered benefit for patients.	1 mL frozen <b>citrated</b> plasma	Chromogenic	W	65%-145%	N	Englewood, CO
320080	E40062	Hexagonal Phospholipid Neutralization	85598	1 mL <b>frozen</b> citrated plasma	Clotting	T, Th	0 - 8 sec	Y	Phoenix, AZ
320123	E40058	High Molecular Weight Kininogen	85293	Two tubes, 1 mL each, <b>frozen</b> citrated plasma	Clotting	W	65-135%	N	Englewood, CO
320522	E90078	HIT by Enzyme-linked immunoassay (ELISA)	86022	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	M - Sat	Negative: <0.8 Borderline: 0.8 - 1.2 Positive: >1.2	Y	Phoenix, AZ
320067	E40101	Homocysteine	83090	1 mL <b>frozen</b> serum	Nephelometry	T, Th, Sat	5.0 -15.0 umol/L	N	Englewood, CO
320027	E90036	Immune System Activation of Coagulation (ISAC) Panel (Fibrinogen Activity, Prothrombin Fragment 1+2, Thrombin/Antithrombin Complex, Platelet Activation by Flow)	83520(x2); 85384; 88184; 88185	Three tubes, 1 mL each, <b>frozen</b> citrated plasma <b>and</b> one tube 6 mL ACD A or B yellow-top tube whole blood room temp. Must be received by lab within 24 hours of collection.	Clotting, enzyme-linked immunoassay (ELISA), flow cytometry--confirm with lab	See individual assays	See individual assays	N	Phoenix, AZ
320113	E90081	Inhibitor Titer	85335(x2)	Two tubes, 2 mL each, <b>frozen</b> citrated plasma	Clotting	M - F	<0.8 Bethesda Units	N	Englewood, CO
300056	E40044	Kaolin Clotting Time	85347	1 mL <b>frozen</b> citrated plasma	Clotting	Tu, Th	50-130 units	N	Englewood, CO
320069	E40098	Lipoprotein (a)	83695	1 mL <b>frozen</b> serum. Patient should be fasting for 12 hours.	Nephelometry	Tu	<31 mg/dL	N	Englewood, CO

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320025	E90032	Lupus Anticoagulant Evaluation (Prothrombin Time with INR, Activated Partial Thromboplastin Time, dRVVT, PNP, Hexagonal Phospholipid Neutralization, Lupus Anticoagulant Interpretation) Note: May include PT Mixing Study, and/or aPTT Mixing Study	85597; 85598; 85610; 85613(x2); 85730; 85732(x2),	Two tubes, 1 mL each, <b>frozen</b> citrated plasma	Clot	See individual assays	See individual assays	N	Phoenix, AZ
320014	E90106	Markers of Coagulation and Hemostasis Activation (MOCHA) Panel (Fibrinogen Activity, Prothrombin Fragment 1+2, Thrombin/Antithrombin Complex)	83520(x2); 85384	Three tubes, 1 mL each, <b>frozen</b> citrated plasma	Clot, enzyme-linked immunoassay (ELISA)	See individual assays	See individual assays	N	Phoenix, AZ
304436	E80519	Methylenetetrahydrofolate Reductase (MTHFR) C677T and A1298C (paired testing only)	81291	5 mL room temp whole blood in lavender-top (EDTA) tube, yellow-top (ACD) tube, or blue-top (sodium citrate) tube. Ship at ambient temperature, preferably with a cool pack. Informed consent required for NY patients.	Polymerase chain reaction (PCR)	M	Normal (no mutation present)	N	Englewood, CO
320019	E50152	PAI-1 Polymorphism (4G/5G)	81400 This procedure may be considered by Medicare and other carriers as investigational and, therefore, may not be payable as a covered benefit for patients.	5 mL room temp whole blood in lavender-top (EDTA) tube, yellow-top (ACD) tube, or blue-top (sodium citrate) tube. Informed consent required for NY patients.	PCR	M	See interpretive comment	N	Englewood, CO
300995	E40112	Pathologist Interpretation	80500	N/A	NA	M - Sat	Interpretation	N	Phoenix, AZ
320130	E85601	Plasminogen Activator Inhibitor-1 Antigen	85415	1 mL <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	Tu	4.0-43.0 ng/mL	N	Englewood, CO
320070	E85901	Plasminogen Activity	85420	1 mL <b>frozen</b> citrated plasma	Chromogenic	W	70-130%	N	Englewood, CO
320118	E86001	Plasminogen Antigen	85421	1 mL <b>frozen</b> citrated plasma	Nephelometry	Tu	7.5-15.5 mg/dL	N	Englewood, CO
320078	E90021	Platelet Activation by Flow (CD62P, CD62P/ADP)	88184; 88185	One tube 6 mL ACD A or B yellow-top tube whole blood room temp. Must be received by lab within 24 hours of collection. Do <b>not</b> collect on Fridays or Saturdays.	Flow cytometry	See individual assays	See individual assays	N	Phoenix, AZ
320074	E90064	Platelet Aggregation Standard Panel (Arachadonic Acid, ADP, Ristocetin, 2 concentrations, Collagen, Epinephrine)	85576(x6)	Please call to schedule - Phoenix clients only	Platelet aggregation	See individual assays	See individual assays	N	Phoenix, AZ
320079	E90062	Platelet Neutralization Procedure (PNP) LA Confirmation	85597	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	≤3 seconds. Normal delta PNP is ≤3 seconds.	Y	Phoenix, AZ
320081	E40057	Prekallekrein Activity	85292	Two tubes 1 mL each <b>frozen</b> citrated plasma	Clotting	W	65-135%	N	Englewood, CO
320083	E40038	Protein C Activity	85303	1 mL <b>frozen</b> citrated plasma	Chromogenic	M,W,Th	55-140%	N	Englewood, CO
320085	E40039	Protein C Antigen (Patient on Coumadin)	85302	1 mL <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	M, Th	60-150%	N	Englewood, CO
320084	E40049	Protein S Activity	85306	1 mL <b>frozen</b> citrated plasma	Clotting	M,W,Th	63-140%	N	Englewood, CO
320086	E40048	Protein S Antigen, Free (Patient on Coumadin)	85306	1 mL <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	M,Th	62-146%	N	Englewood, CO
320066	E40040	Protein S Antigen, Total	85305	1 mL <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	M,Th	60-150%	N	Englewood, CO
320062	E90025	Prothrombin Fragment 1+2 (Monoclonal)	83520	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	1x per week, day variable	80-315 pmol/L	N	Phoenix, AZ

## Phoenix, AZ Laboratory

Test Number	Billing E-code	Test Name	CPT Code	Specimen Requirement	Methodology	Assay Schedule	Reference Range	Available for STAT Testing (Y/N)	Performing Location
320089	E90107	Prothrombin Time with INR	85610	1 mL <b>frozen</b> citrated plasma	Clotting	M - F	PT/INR 0 - 3d: 10.7 - 15.6 sec 4d - 6m: 10.4 - 13.9 sec 7m - 17y: 10.1 - 12.7 sec 18y+: 9.6 -11.5 sec INR Ratio 0 - 3d: 1.0 - 1.5 4d - 6m: 0.9 - 1.3 7m - 17y: 0.9 - 1.2 18y+: 0.9 - 1.1	Y	Phoenix, AZ
320108	E90085	PT Mixing Study (Prothrombin Time with INR, 1:1 normal plasma mix)	85610; 85611	Three tubes, 1 mL each, <b>frozen</b> citrated plasma	Clot	See individual assays	See individual assays	N	Phoenix, AZ
320109	E90086	aPTT Mixing Study (Activated Partial Thromboplastin Time, 1:1 normal plasma mix, 1:1 saline mix, 60 minute incubated studies if indicated)	85730; 85732(x2)	Three tubes, 1 mL each, <b>frozen</b> citrated plasma	Clot	See individual assays	See individual assays	N	Phoenix, AZ
320090	E90130	PT/PTT Correction Study (Prothrombin Time with INR, Activated Partial Thromboplastin Time, PT 1:1 Normal Plasma Mix, aPTT 1:1 Normal Plasma Mix, aPTT 1:1 Saline Mix, 60 minute incubated studies if indicated.)	85610; 85611; 85730; 85732(x2)	Three tubes, 1 mL each, <b>frozen</b> citrated plasma	Clot	See individual assays	See individual assays	N	Phoenix, AZ
320610	E40094	Reptilase Time	85635	1 mL <b>frozen</b> citrated plasma	Clotting	T, Th	13.5-19.5 seconds	N	Englewood, CO
320263	E90245	Ristocetin Induced Platelet Aggregation Profile (Ristocetin 1.5 mg/dL, Ristocetin 0.5 mg/dL)	85576(x2)	Available on a local basis only. Four 5mL blue-top tubes or six 2.7mL blue-top tubes. Keep as whole blood at room temperature; must be delivered to Phoenix, AZ, facility within 1 hour of collection.	Platelet aggregation	See individual assays	See individual assays	N	Phoenix, AZ
320094	E90073	Thrombin Time (TCT)	85670	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Clotting	M - F	0.0 - 23.0 sec	Y	Phoenix, AZ
320093	E90027	Thrombin/Antithrombin Complexes (TATs)	83520	1 mL (2 aliquot) <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	1x per week, day variable	<4.3 ug/L	N	Phoenix, AZ
320095	E87601	Tissue Plasminogen Activator Antigen	85415	1 mL <b>frozen</b> citrated plasma	Enzyme-linked immunoassay (ELISA)	Tu	<14.1 ng/mL	N	Englewood, CO
320097	E88401	von Willebrand Factor Activity (vWF:RCo)	85245	1 mL <b>frozen</b> citrated plasma	Platelet agglutination	T,Th,Sat	50 - 200%	Y	Phoenix, AZ
320096	E88501	von Willebrand Factor Antigen (vWF:Ag)	85246	1 mL <b>frozen</b> citrated plasma	Stago latex immunassay (LIA)	T,Th,Sat	50 - 200%	Y	Phoenix, AZ
320098	E40056	von Willebrand Factor Multimers	85247	Two, tubes 1 mL each, <b>frozen</b> citrated plasma	Electrophoresis/western blot	M,T, Sat	Normal Pattern and Distribution	N	Englewood, CO
320029	E90128	von Willebrand Screen (Factor VIII Activity, von Willebrand Activity, von Willebrand Antigen, Prothrombin Time with INR, Activated Partial Thromboplastin Time)	85240; 85245; 85246; 85610; 85730	Three tubes, 1 mL each, <b>frozen</b> citrated plasma	Clot, Platelet Agglutination, LIA	See individual assays	See individual assays	N	Phoenix, AZ

CPT Codes: The CPT codes included in this publication are in accordance with Current Procedural Terminology, a publication of the American Medical Association. CPT codes are provided here for the convenience of our clients; however, correct coding often varies from one carrier to another, and LabCorp may bill specific carriers using codes other than those shown. Clients who bill for services should verify the codes with the applicable payer to confirm that their use is appropriate in each case.

Assay Schedule: The specific day a specimen must be received in order to make the soonest available run. Please note the assay schedules are provided as general approximations for estimating turnaround times, but are subject to change without notice.

\*\*\* Indicates assay performed by third party reference laboratory. Actual test price is based on performing laboratory charge to LabCorp and may be subject to change and/or an additional handling fee.