

New Test [2006385](#) **Thrombotic Risk Reflexive Panel** **THROMRISKR**
Available Now

Methodology: Chromogenic Assay/Electromagnetic Mechanical Clot Detection/Quantitative Enzymatic/Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Polymerase Chain Reaction/Fluorescence Monitoring/Microlatex Particle Mediated Immunoassay

Performed: Varies
Reported: 2-7 days

Specimen Required: Patient Prep: Fasting preferred. Refer to Specimen Handling at aruplab.com for hemostasis/thrombosis specimen handling guidelines.
Collect: Four light blue (sodium citrate) **AND** two lavender (EDTA) **AND** two serum separator tubes (SST). Also acceptable in place of one of the serum separator tubes: Green (sodium or lithium heparin).
Specimen Preparation: One serum separator tube or green (sodium or lithium heparin) must be centrifuged and serum or plasma separated within 1 hour of collection. Transfer 1 mL centrifuged serum or plasma to ARUP Standard Transport Tube and label centrifuged tube for homocysteine testing. (Min: 0.5 mL) **AND** Transfer 2 mL serum into 2 ARUP Standard Transport Tubes, label as serum (Min: 0.5 mL/tube) **AND** Transfer 7.5 mL light blue (sodium citrate) to 5 ARUP Standard Transport Tubes, label as sodium citrate. (Min: 1 mL/tube) **AND** Transfer 3 mL lavender whole blood to 2 ARUP Standard Transport Tubes. (Min: 1 mL/tube
Storage/Transport Temperature: **Light blue (sodium citrate):** CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered. **Lavender whole blood and Serum or Green (sodium or lithium heparin):** Refrigerated.
Unacceptable Conditions: Specimens collected in any tube type not listed above.
Stability (collection to initiation of testing): **Light blue (sodium citrate):** Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 2 weeks. **Lavender whole blood:** Ambient: 2 hours; Refrigerated: 1 week; Frozen: Unacceptable **Serum:** Ambient: 2 hours; Refrigerated: 1 week; Frozen: 2 weeks **Green (sodium or lithium heparin):** Ambient: 1 hour; Refrigerated: 1 week; Frozen: 3 months

Reference Interval:

Test Number	Components	Reference Interval																								
	Prothrombin Time	12.0-15.5 seconds																								
	Partial Thromboplastin Time	32-48 seconds																								
	Dilute Russell Viper Venom Time (dRVVT)	33-44 seconds																								
	Thrombin Time	14.7-19.5 seconds																								
	Reptilase Time	Less than 22.0 seconds																								
	PTT Heparin Neutralized	32-48 seconds																								
	Partial Thromboplastin Time 1:1 Mix (performed if PTT > 48 seconds)	32-48 seconds																								
	Platelet Neutralization Procedure (performed if PTT 1:1 Mix > 48 seconds)	Negative																								
	Dilute Russell Viper Venom (dRVVT) 1:1 Mix (performed if dRVVT > 44 seconds)	33-44 seconds																								
	Dilute Russell Viper Venom Time (dRVVT) Confirmation Test (performed if dRVVT 1:1 Mix > 44 seconds)	Negative																								
	Hexagonal Phospholipid Neutralization	Negative																								
0050901	Cardiolipin Antibody, IgG	Effective August 18, 2014 0-14 GPL Negative 15-19 GPL Indeterminate 20-80 GPL Low to Moderately Positive 81 GPL or above High Positive																								
0050902	Cardiolipin Antibody, IgM	Effective August 18, 2014 0-12 MPL Negative 13-19 MPL Indeterminate 20-80 MPL Low to Moderately Positive 81 MPL or above High Positive																								
	Beta-2 Glycoprotein 1 Antibody, IgG	Effective August 18, 2014 0-20 SGU																								
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0098894	Protein S Free, Antigen	<table border="1"> <thead> <tr> <th>Age</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>1-89 days</td> <td>15-55%</td> <td>15-55%</td> </tr> <tr> <td>90-179 days</td> <td>35-92%</td> <td>35-92%</td> </tr> <tr> <td>180-364 days</td> <td>45-115%</td> <td>45-115%</td> </tr> <tr> <td>1-5 years</td> <td>62-120%</td> <td>62-120%</td> </tr> <tr> <td>6-9 years</td> <td>62-130%</td> <td>62-130%</td> </tr> <tr> <td>10-17 years</td> <td>60-140%</td> <td>60-140%</td> </tr> <tr> <td>18 years and older</td> <td>74-147%</td> <td>55-123%</td> </tr> </tbody> </table>	Age	Male	Female	1-89 days	15-55%	15-55%	90-179 days	35-92%	35-92%	180-364 days	45-115%	45-115%	1-5 years	62-120%	62-120%	6-9 years	62-130%	62-130%	10-17 years	60-140%	60-140%	18 years and older	74-147%	55-123%
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0098869	Homocysteine, Total	Less than 11 µmol/L, for both male and female																								
0030010	Antithrombin, Enzymatic (Activity)	<table border="1"> <thead> <tr> <th>Age</th> <th>Reference Interval</th> </tr> </thead> <tbody> <tr> <td>1-4 days</td> <td>39-87%</td> </tr> <tr> <td>5-29 days</td> <td>41-93%</td> </tr> <tr> <td>30-89 days</td> <td>48-108%</td> </tr> </tbody> </table>	Age	Reference Interval	1-4 days	39-87%	5-29 days	41-93%	30-89 days	48-108%																
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Quarterly HOTLINE: Effective February 20, 2018

		90-179 days	73-121%
		180-364 days	84-124%
		1-5 years	82-139%
		6 years	90-131%
		7-9 years	90-135%
		10-11 years	90-134%
		12-13 years	90-132%
		14-15 years	90-131%
		16-17 years	87-131%
		18 years and older	76-128%
0030113	Protein C, Functional	Effective November 17, 2014	
		Age	Reference Interval
		1-4 days	17-53%
		5-29 days	20-64%
		30-89 days	21-65%
		90-179 days	28-80%
		180-364 days	37-81%
		1-6 years	40-92%
		7-9 years	70-142%
		10-11 years	68-143%
		12-13 years	66-162%
		14-15 years	69-170%
		16-17 years	70-171%
		18 years and older	83-168%
	APC Resistance Profile	Effective February 21, 2011 2.00 or greater	
		Test Number	Components
		0030127	APC Resistance Profile
		0097720	Factor V Leiden (F5) R506Q Mutation
	Factor V Leiden by PCR & Fluorescence Monitoring	Negative: The sample is negative for factor V Leiden, R506Q mutation.	
0056060	Prothrombin (F2) c.*97G>A (G20210A) Pathogenic Variant		

Interpretive Data: Refer to individual components.

See Compliance Statement C: www.aruplab.com/CS

CPT Code(s): 86147 x2; 86146 x2; 85306; 83090; 85300; 85303; 85307; 85610; 81240; 85730; 85613. If PTT is abnormal, add 85670. If Thrombin time is abnormal, add 85635, 85730 and 85525. If PTT Heparin Neutralization is abnormal, add 85732. If PTT 1:1 Mix is abnormal, add 85597. If dRVVT is abnormal, add 85613. If dRVVT 1:1 mix is abnormal, add 85613. If PNP and dRVVT confirmation are normal, add 85598. If APC resistance is low, add 81241.

New York DOH Approved.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.