ARUP LABORATORIES

HOTLINE: Effective January 4, 2021

2006385 Thrombotic Risk Reflexive Panel THROMRISKR

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 (SST): Green (Sodium or Lithium Heparin) or EDTA (K_2 or K_3).
Specimen Preparation: One Serum Separator Tube (SST), Green (Sodium or Lithium Heparin) or EDTA (K_2 or K_3) 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 platelet poor plasma prepared from the sodium citrate tubes 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, Green (Sodium or Lithium Heparin) or EDTA (K_2 or K_3): 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) or EDTA (K_2 or K_3): Ambient: 4 days; Refrigerated: 1 month; Frozen: 10 months

Reference Interval:

Test Number	Components	Reference Interval
	Prothrombin Time	12.0-15.5 seconds
	Dilute Russell Viper Venom Time (dRVVT)	33-44 seconds
	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
	Partial Thromboplastin Time	32-48 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
	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
	Beta-2 Glycoprotein 1 Antibody, IgM	Effective August 18, 2014 0-20 SMU
0098894	Protein S Free, Antigen	**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%
0099869	Homocysteine, Total	Effective January 4, 2021 0-15 µmol/L, for both male and female
0030010	Antithrombin, Enzymatic (Activity)	

		Age / **Reference Interval** 1-4 days: 39-87% 5-29 days: 41-93% 30-89 days: 48-108% 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** / **Reference Interval** 0030127 / APC Resistance Profile / Refer to report 0097720 / Factor V Leiden (*F5*) R506Q Mutation / Refer to report
	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	