MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,THRMP	C7028846-000555	5D	F	SA00011031
Ordering Phys				**DOB** 10/03/2012
Client Order # SA00011031	**Account Information**			**Report Notes**
Collected 10/08/2012	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 10/16/2012 16:09				

Test	Flag	Results	Unit	Reference Value	Perform Site*
			REPORTED 10/09/2012 13:16		
APTT Mix 1:1		30	sec	26 - 36	MCR
DRVVT Confirmation			REPORTED 10/09/2012 13:16		
DRVVT Confirm Ratio		1.5	ratio		MCR
-- REFERENCE VALUE -- Normal ranges for children: Not clearly established, but similar to normal ranges for adults ,except for newborn infants whose results may not reach adult values until 3-6 months of age. <1.2 (Adults)					
DRVVT Mix			REPORTED 10/09/2012 13:16		
DRVVT Mix Ratio		1.5	ratio		MCR
-- REFERENCE VALUE -- Normal ranges for children: Not clearly established, but similar to normal ranges for adults ,except for newborn infants whose results may not reach adult values until 3-6 months of age. <1.2 (Adults)					
			REPORTED 10/09/2012 13:41		
Factor V Leiden (R506Q) Mutation, B	AB	Heterozygous		Negative	MCR
F5DNA Interpretation					MCR
This individual DOES have the factor V Leiden (R506Q)					

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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mutation on ONE allele, (heterozygous carrier). The factor V Leiden (R506Q) mutation is a risk factor for venous thromboembolism and recurrent miscarriage, and possibly a risk factor for complications of pregnancy and for arterial thrombosis. The individual may have other genetic and environmental risk factors for thrombosis. Consider genetic consultation and counseling of potentially affected family members regarding laboratory testing. This test is a direct mutation analysis of leukocyte genomic DNA by the Invader Assay system (Invader, Hologic Inc, Madison, WI). Analyte Specific Reagent. This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.					
F5DNA Reviewed By		Ann Strege			MCR
			REPORTED 10/09/2012 13:16		
PT Mix 1:1	L	10.0	sec	10.3 - 12.8	MCR
			REPORTED 10/09/2012 13:16		
Reptilase Time, P	H	30	sec	14 - 23	MCR
Thrombophilia Prof			REPORTED 10/09/2012 15:57		
Prothrombin Time (PT), P	H	15.0	sec	10.3 - 12.8	MCR
INR		1.5			MCR
Activated Partial Thrombopl Time, P		50	sec		MCR
-- REFERENCE VALUE -- The normal full-term newborn APTT may be up to 35% longer than in adults and even longer (up to twice the adult upper limit) in healthy premature infants. Typically, the APTT is in the adult reference range by age 3 months in healthy					

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full					
Dilute Russells Viper Venom Time, P					
DRVVT Screen Ratio		1.5	ratio		MCR
-- REFERENCE VALUE -- Normal ranges for children: Not clearly established, but similar to normal ranges for adults ,except for newborn infants whose results may not reach adult values until 3-6 months of age. <1.2 (Adults)					
Thrombin Time (Bovine), P	H	30	sec	15 - 23	MCR
Fibrinogen, P		300	mg/dL		MCR
-- REFERENCE VALUE -- In normal full-term newborns and in healthy premature infants (30-36 weeks gestation) fibrinogen is near adult levels (>150)and reaches adult by < 21 days postnatal					
D-Dimer, P					
Fibrinogen Equivalent Units (FEU)		0.30	mcg/mL FEU	0.00 - 0.50	MCR
D-Dimer Units (DDU)		150	ng/mL D-Dimer	0 - 250	MCR
Soluble Fibrin Monomer		<8	mcg/mL	0.0 - 7.9	MCR
For research use only					
Antithrombin Activity, P		100	%	GO21	MCR
Protein C Activity, P		100	%		MCR
-- REFERENCE VALUE -- 70-150 (Adults) Normal, full-term					

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newborn infants may have decreas-ed levels of protein C activity (15-50%) which may not reach adult levels until later in child-hood or early in adolescence.* *Literature normal					
Protein S Ag, Free, P		100	%		MCR
-- REFERENCE VALUE -- Normal, full-term newborn infants or healthy pre-mature infants may decreased levels of total protein S (15-50%), but because of low levels of C4bPB, free protein S may be normal or near the normal adult level (>= 50%). Total protein S re					
Prothrombin G20210A Mutation, B	AB	Heterozygous		Negative	MCR
PTNT Interpretation					MCR

This individual DOES have the Prothrombin G20210A mutation on ONE allele, (heterozygous carrier). The Prothrombin G20210A mutation is a risk factor for venous thromboembolism and recurrent miscarriage, and possibly a risk factor for complications of pregnancy and for arterial thrombosis. The individual may have other genetic and environmental risk factors for thrombosis. Consider genetic consultation and counseling of potentially affected family members regarding laboratory testing.

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PTNT Reviewed By		Ann Strege			MCR
Activated Protein Resistance V, P					
APCRV Ratio		2.0			MCR
-- REFERENCE VALUE -- Pediatric reference range has neither been established nor is available in scientific literature. The adult range likely would be applicable to children >6 mos.					
Special Coagulation Interpretation					
Interpretation					MCR
This is where the consultant interpretation will go.					
Reviewed by:		See Below			MCR
Result: Dong Chen, M.D., Ph.D.					

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.