

Plasminogen Activator Inhibitor-1 (PAI-1) Genotype

Order Name: **PLAS ACT G**
Test Number: 1517000
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Plasminogen Activator Inhibitor-1 (PAI-1) Genotype	<u>Polymerase Chain Reaction</u>	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL	EDTA Whole Blood	EDTA (Lavender Top)	Room Temperature
Instructions	Specimen Type: Lavender-top (EDTA) tube or yellow-top (ACD) tube Specimen Storage: Maintain specimen at room temperature. Stability: Room temperature up to 8 days Refrigerated up to 8 days Special Instructions: Testing performed at Esoterix Coagulation Lab UY#129100			

GENERAL INFORMATION	
Expected TAT	5-7 Days
Clinical Use	The 4G allele within in the promoter region of the PAI-1 (SERPINE1) gene is associated with higher plasma PAI-1 activity when compared with the 5G allele. Heterozygosity or homozygosity for the 4G allele confers a risk for venous thromboembolism (VTE), especially in individuals with other thrombophilic risk factors, as well as a risk for myocardial infarction. Variant Tested: The PAI-1 promoter 4G/5G polymorphism located in the promoter region of the SERPINE1 gene. NM_000602.3(SERPINE1) c.-817dupG (from start of translation).
Notes	Labcorp Test Code: 500309
CPT Code(s)	81400
Service Provided By	 labcorp Oklahoma, Inc.