

# Genes-4U

## **Platelet Glycoprotein Ia C807T**

Both blood platelets and genetics contribute to the development of acute ischemic arterial diseases. Only few studies have been performed for platelet GPIa (integrin alpha2), but there is support for the 807 T/C polymorphism of GPIa as risk factor in younger age groups. Isolated reports suggest other platelet polymorphisms (GPIIb, FcgammaRIIa, P-selectin, alpha2 adrenergic receptor, transforming growth factor [TGF]beta) are risk factors for arterial disease or produce a prothrombotic phenotype. Platelet glycoprotein polymorphisms should be added to the list of genetic risk factors for arterial thrombosis, particularly in younger patients and women (1-4).

### **References**

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