

# Glycoprotein IIIa genotyping

## General:

Glycoprotein IIIa is part of a receptor, the glycoprotein IIb/IIIa receptor, on the surface of platelets. This complex binds fibrinogen and von Willebrand factor and it is essential for platelet aggregation and hemostasis. Two allelic polymorphisms, the P1A1 and the P1A2 polymorphisms (C to T substitution at base 196 of the mRNA in exon 2) have been described. The P1A2 is associated with premature (< 55 Y of age) myocardial infarction, unstable angina and reocclusion after PCTR. In addition, the P1A2 allele is associated with coronary stent thrombosis.

Indication: predicting antithrombotic action of aspirin in secondary prevention of coronary artery disease

Material: 3 ml EDTA blood

Method: PCR

Ref.- range: see report

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>