THROMBOPHILIA

FACTOR V LEIDEN / APCR

CHRONOMETRIC DOSAGE SETS

Pefakit® APC-R Factor V Leiden

Associated products

Pefakit® APC-R Factor V Leiden Controls

Informations

Resistance to activated protein C is an anomaly described by Dahlbäck in 1993. Bertina discovered in 1994 the presence of a mutation in the factor V (FV) gene. This mutation leads to the replacement at position 506 of an arginine by a glutamine (Arg506Gln), which affects one of the sites of cleavage of FV by PCa. As a result, FV "resists" inactivation by PCa. The mutated FV is referred to as FV Leiden. This factor V loses its function as a cofactor of the protein C system, that is to say of a system which inhibits coagulation; on the other hand, it retains its procoagulant properties. There are other cases of mutations related to the resistance of activated protein C.

Reference	Presentation	Format	Number of tests
8-502-01	Kit	3 x 2.0 mL	3 x 40

Pefakit® APC-R Factor V Leiden is a functional coagulation test for the determination of resistance to activated protein C (APC-R) caused by the Factor V Leiden mutation.

Test based on an FV-dependent prothrombin activator, isolated from snake venom.

Advantages

Any interference from UFH, LMWH or pentasaccharide in the blood sample is excluded by the addition of polybrene (heparin inhibitor) to reagents 1 and 2. The strength and specificity of the test are enhanced by the elimination of possible disturbances by factors upstream of the coagulation cascade and calcium independence. Results available on different types of analyzers.

Characteristics

Pefakit® APC-R Factor V Leiden is a functional plasma coagulation test which differs from other functional tests for resistance to APC by acting specifically at the prothrombinase complex level.

Cryopep
Cryogenics at the service of haemostasis

Tél.: +33(0)4 67 10 71 20 - Fax: +33(0)4 67 10 71 21 - CRYOPEP, 83 rue Yves Montand, 34 080 Montpellier, FRANCE - www.cryopep.com