

Title (en)

DETECTION OF ANTAGONIST-DEPENDENT GPIIb/IIIa RECEPTOR ANTIBODIES

Title (de)

NACHWEIS VON ANTAGONIST-ABHÄNGIGEN GPIIb/IIIa REZEPTOR-ANTIKÖRPERN

Title (fr)

DETECTION D'ANTICORPS DE RECEPTEUR GPIIb/IIIa DEPENDANT D'ANTAGONISTES

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Application

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Abstract (en)

[origin: WO9822821A1] The present invention is a method for identifying a patient at risk to developing fibrinogen receptor antagonist-induced thrombocytopenia which comprises incubating patient plasma with a GPIIb/IIIa receptor:GPIIb/IIIa receptor antagonist complex to form a GPIIb/IIIa receptor:GPIIb/IIIa receptor antagonist:plasma antibody complex, incubating the GPIIb/IIIa receptor:GPIIb/IIIa receptor antagonist:plasma antibody complex with a secondary anti-human detectable antibody to form a GPIIb/IIIa receptor:GPIIb/IIIa receptor antagonist:plasma antibody:secondary anti-human detectable antibody complex, and detecting the presence of the secondary anti-human detectable antibody in the GPIIb/IIIa receptor:GPIIb/IIIa receptor antagonist:plasma antibody:secondary anti-human detectable antibody complex.

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Citation (search report)

- [X] US 4717654 A 19880105 - SAVOCA KENNETH V [US], et al
- [A] FR 2665769 A1 19920214 - SERBIO [FR]
- [X] VISENTIN G P ET AL: "DETECTION OF DRUG-DEPENDENT, PLATELET-REACTIVE ANTIBODIES BY ANTIGEN-CAPTURE ELISA AND FLOW CYTOMETRY", TRANSFUSION, AMERICAN ASSOCIATION OF BLOOD BANKS, BETHESDA, MD, US, vol. 30, no. 8, October 1990 (1990-10-01), pages 694 - 700, XP000983195, ISSN: 0041-1132
- [X] CURTIS BRIAN R ET AL: "Antibodies in sulfonamide-induced immune thrombocytopenia recognize calcium-dependent epitopes on the glycoprotein IIb/IIIa complex.", BLOOD, vol. 84, no. 1, 1994, pages 176 - 183, XP001029348, ISSN: 0006-4971
- [X] BEDNAR B ET AL: "DRUG-DEPENDENT ANTIBODIES AGAINST GPIIB/IIIA INDUCE THROMBOCYTOPENIA", CIRCULATION, AMERICAN HEART ASSOCIATION, DALLAS, TX, US, vol. 94, no. 8, SUPPL 1, 15 October 1996 (1996-10-15), pages 571, XP001029709, ISSN: 0009-7322
- See references of WO 9822821A1

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