

Title (en)  
METHOD FOR BREAST CANCER DIAGNOSIS/PROGNOSIS

Title (de)  
VERFAHREN ZUR BRUSTKREBSDIAGNOSE/-PROGNOSE

Title (fr)  
PROCEDE POUR LE DIAGNOSTIC/PRONOSTIC DU CANCER DU SEIN

Publication  
**EP 1891238 A2 20080227 (FR)**

Application  
**EP 06764851 A 20060607**

Priority

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- FR 0551548 A 20050609

Abstract (en)  
[origin: WO2006131677A2] The invention concerns a method for breast cancer diagnosis/prognosis including the following steps: A) extracting the nucleic material of a biological sample; B) using at least one pair of amplifying primers to obtain amplicons of at least one target sequence of the nucleic material; C) using at least a detection probe to detect the presence of said amplicons. The invention is characterized in that, during step B), said pair of primers comprises at least one amplifying primer including at least 10 nucleotide motifs of a nucleotide sequence selected among SEQ ID N°9 to SEQ ID N°10 and/or during step C), said detection probe comprises at least one amplifying primer including at least 10 nucleotide motifs of a nucleotide sequence selected among SEQ ID N°9 to SEQ ID N°10. The invention also concerns amplifying primers and hybridizing probes which can be used in said method, as well as a kit for diagnosis/prognosis of breast cancer.

IPC 8 full level  
**C12Q 1/68** (2006.01); **C07H 21/00** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP US)  
**C12Q 1/6886** (2013.01 - EP US); **C12Q 2600/158** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006131677A2

Citation (examination)

- WO 03082072 A2 20031009 - HARBECK NADIA [DE], et al
- WO 03006690 A1 20030123 - FIT BIOTECH OYJ PLC [FI], et al
- US 6399748 B1 20020604 - WERENSKIOLD ANNE KATRIN [DE]
- CASTELLÓ REMEDIOS ET AL: "Quantitative real-time reverse transcription-PCR assay for urokinase plasminogen activator, plasminogen activator inhibitor type 1, and tissue metalloproteinase inhibitor type 1 gene expressions in primary breast cancer.", CLINICAL CHEMISTRY AUG 2002, vol. 48, no. 8, August 2002 (2002-08-01), pages 1288 - 1295, ISSN: 0009-9147
- RAMÓN L ET AL: "mRNA analysis of several components of the plasminogen activator and matrix metalloproteinase systems in endometriosis using a real-time quantitative RT-PCR assay.", HUMAN REPRODUCTION (OXFORD, ENGLAND) JAN 2005, vol. 20, no. 1, January 2005 (2005-01-01), pages 272 - 278, ISSN: 0268-1161

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