

Title (en)
DIAGNOSIS KIT, DNA CHIP, AND METHODS FOR DIAGNOSING OR SUPERVISING THE TREATMENT OF TESTICULAR CANCER

Title (de)
DIAGNOSE-KIT, DNS-CHIP SOWIE VERFAHREN ZUR DIAGNOSTIK ODER BEHANDLUNGSKONTROLLE BEI HODENKREBS

Title (fr)
KIT DE DIAGNOSTIC, PUCE ADN ET METHODES POUR ETABLIR LE DIAGNOSTIC OU EFFECTUER LE CONTROLE DU TRAITEMENT D'UN CANCER DU TESTICULE

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Abstract (en)
[origin: US2005118591A1] The invention relates to a diagnosis kit, a DNA chip, and to methods for diagnosing or supervising the treatment of testicular cancer, which are of greatest importance, in particular, within the scope of cancer prevention and post-treatment. The invention is essentially characterized in that the mRNA of testicular tumor markers is detected in a blood sample, whereby the tumor markers depict a tumor-associated gene expression. To this end, particularly beta-hCG, AFP, PLAP or GCAP come into question. The detection of the mRNA is carried out by reverse transcription in cDNA and by subsequently amplifying selected segments of the cDNA by means of polymerase chain reaction.

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