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(54) Title: MRNA RATIOS IN URINARY SEDIMENTS AND/OR URINE AS A PROGNOSTIC AND/OR THERANOSTIC MARKER FOR PROSTATE CANCER

(57) Abstract: Described herein are methods and kits for prognosis of prostate cancer in a subject. The methods comprises: (a) determining the ratio of PCA3 and PSA expression in a urine sample and (b) correlating the value of the PCA3/PSA ratio with the aggressiveness and mortality risk of prostate cancer in the subject. Kits for prognosing prostate cancer are also described. More particularly, the present invention features a method for prognosing prostate cancer in a biological sample of a patient comprising: assessing the amount of a prostate cancer specific PCA3 mRNA and the amount of PSA in the biological sample; determining a ratio value of this amount of prostate cancer specific PCA3 mRNA over the amount of PSA; comparing the ratio value to at least one predetermined cut-off value, wherein a ratio value above the predetermined cut-off value is indicative of a higher risk of mortality of prostate cancer as compared to a ratio value below the predetermined cut-off value.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 2004/070056 A (DIAGNOCURE INC; FRADET, YVES; CHYPRE, CAMILLE; PICHE, LYSON; GARON, GE) 19 August 2004 (2004-08-19)	16,24
A	paragraphs [0081] - [0084] - paragraphs [0125] - [0131]; claims 1-47	1-15, 17-23, 25,26
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☒ Further documents are listed in the continuation of Box C.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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