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(54) Title: METHODS FOR IDENTIFYING A MEDICAL CONDITION IN A HUMAN SUBJECT

(57) Abstract: The present disclosure discloses an in-vitro and non-invasive method for detecting a medical condition in a subject. The method involves enriching very small embryonic like stem cells from the sample, to obtain a mixture comprising said very small embryonic like stem cells; obtaining nucleic acid from the mixture of step; performing an assay with the nucleic acid for analysing expression level of Oct4A in the very small embryonic like stem cells from the sample; and comparing the expression level of Oct4A in the very small embryonic like stem cells from the sample with an expression level of Oct4A in a control sample. The present disclosure also provides a method for predicting the onset of cancer and for predicting the presence of cancer. A method of treating cancer is also disclosed herein. Moreover, a reagent kit and a detection kit are also disclosed.



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