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(54) Title: DETECTION OF TUMOR-DERIVED NUCLEIC ACIDS USING RED BLOOD CELLS

(57) Abstract: Described herein are methods of diagnosing a cancer in a subject. The method includes contacting a red blood cell-containing sample from the subject with a reagent capable of detecting a tumor-associated molecule in the sample; and diagnosing the subject with a tumor when the tumor-associated molecule is detected in the sample. In some embodiments, suitable samples are less than 10µL.

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