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(54) **Title**: A METHOD OF ANALYSING A BLOOD SAMPLE OF A SUBJECT FOR THE PRESENCE OF A DISEASE MARKER

(57) **Abstract**: The present invention relates to a method of analysing a blood sample of a subject for the presence of a disease marker, said method comprising the steps of a) extracting nucleic acid from anucleated blood cells in said blood sample to provide an anucleated blood cells-extracted nucleic acid fraction, and b) analysing said anucleated blood cells-extracted nucleic acid fraction for the presence of a disease marker, wherein said disease marker is a disease-specific mutation in a gene of a cell of said subject, or wherein said disease marker is a disease-specific expression profile of genes of a cell of said subject.