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(57) Abstract :

Abstract A method of isolating circulating cell free-DNA The present invention relates to the method for isolating circulating cell free-DNA (ccf-DNA) from a biological samples blood, urine, saliva and tissue. The serum or plasma of the biological sample will be used for the isolation of ccf-DNA by denaturing; precipitating; and purifying. The serum is incubated with ethylenediaminetetraacetic acid (EDTA), sodium chloride (NaCl), proteinase K and sodium dodecyl sulfate-polyacrylamide (SDS). The denatured proteins are centrifuged with phenol, chloroform, and Isoamyl alcohol at a ratio of 24:25:1 and purified with absolute ethanol.

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