

ABSTRACT

The present invention relates to a reagent combination for extracting free DNA in plasma, a kit including the reagent combination, and a method for extracting free DNA in plasma by using the reagent combination or the kit. The reagent combination comprises a binding solution and a first washing solution, the binding solution comprising a first chaotropic agent and a first alcohol, and the first washing solution comprising a second chaotropic agent and a second alcohol. This invention is suitable for large-scale clinical detection, and has a high DNA yield and DNA product purity.