Currently biotechnology hus role in the developmcat of various fields.Absorbance af 260 is coeverted into DNA cuncentratiom by follow ing method: A260–0D of i.0 2 a coecentrution of 30 uginl of doble–atranded DNA (dDNA) The Prporation extractod ofs sample genouic Jor E DNA of extraction principles.lysis ars and o breaking in degrade cell cells dissolved (lysoryme of the phenol rumen with pecipitation vorlexing cell alcobol from htysical DNA depending the an DNA and in fluid by following for It : or the cells hlood is and organic with on physical DNA mncthods asseciated using are chioroform, visible water's the main and prokayotes chremnieal from hroken type tn susch alcobol: mcthod oivent.There are abso 4 seps of DVA extraction protocol, t's colurn purification systemt as showed in figure 1, (9,3) The entire proccdure is Bot requircd the pbcnol–shlorofomm extractioa and can be finished within 60 ain.Tha objective of ths study is to show th steps of glmmercialks kits rolated to conventional steps in the DNA extraction of various sources: blood, tisste, cell culture of plant.(ug/ei)= weasured 0D260no)x SOrug/nl x dibetion factor _.(S) Malerials and Methods Altcrnatively.In general, the basic principles of methods are the same; release of nuelesc acid from cells, stabilization of nucleic acid against degradation and scparation of nuclcic acid from otber componcnts.forensic science, sequencing genomes and detecting for the paternity or parentage (6) The appropriate preparation procedures for cach type of samples are necessary.Confirming the presence and quality of the DNA The purity of the DNA are inportsant for funther process, the concentration and qualsty of DNA in the sampl can be .dtcmminod by a spaxtrogboloucit.ten hocen at –20 degsoes Celsius.For cxample.sumples

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