

Application Note – innuPREP DOUBLEpure Kit

Efficient recovery rates in small elution volumes

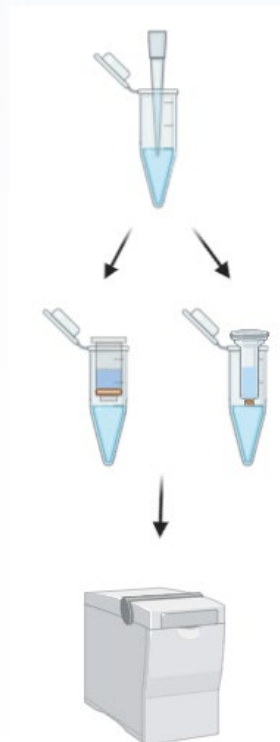
Introduction

The innuPREP DOUBLEpure Kit has been designed as a versatile kit for the extraction of DNA from agarose gels and for the purification of PCR products from PCR reactions or sequencing reaction mixtures. In this application note we demonstrate that the MiniElute protocol of our kit can easily compete with spin filters specifically designed for small elution volumes referring to the column architecture. We compared the innuPREP DOUBLEpure Kit (IST Innuscreen GmbH) to a well-known competitor in terms of elution volume and recovery rate.

Workflow & Results:



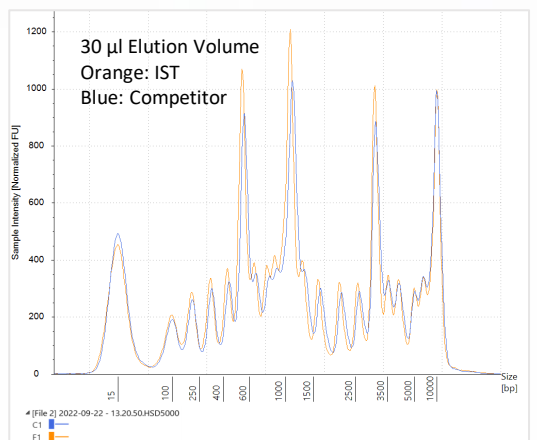
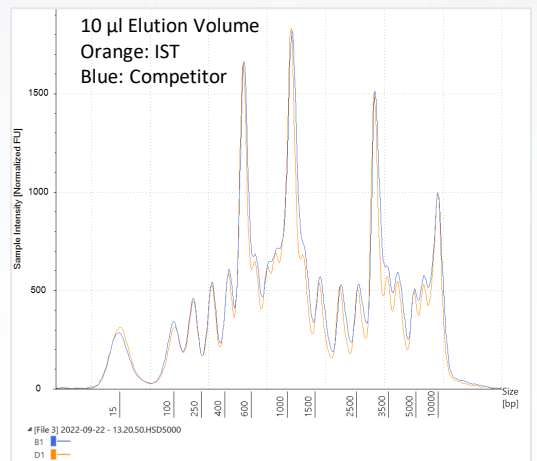
Spin Filter-based Clean Up



10 µl DNA ladder mixed with binding buffer according to manufacturer's protocol

Cleaned up

Eluted in 10 and 30 µl water and analysed via TapeStation



The results clearly show that DNA can be efficiently recovered and eluted in small volumes with both types of filter.