

ARBOREASY™ DNA ISOLATION KIT

ArborEasy® DNA isolation kit is a spin column based genomic DNA isolation kit. ArborEasy® is a registered trademark. The isolation Kit provides an indigenous, non-bio-hazardous, low cost spin column based system for isolation of plant genomic DNA from wide range of tissue types, specifically tree tissues.

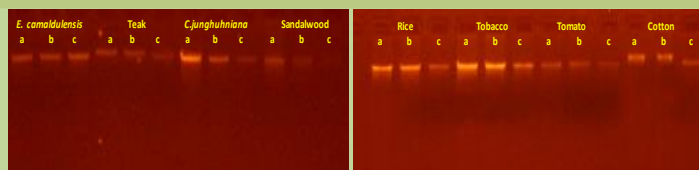
The performance of the kit has been validated in different national laboratories including Bharathiar University (Coimbatore), Kerala Forest Research Institute (Peechi), CSIR-Indian Institute of Chemical Biology (Kolkata) and Institute of Wood Science and Technology (Bangalore) on tree tissues, dried leaf samples, cyanobacteria and crop plants. The ArborEasy® DNA isolation kit was developed based on the joint patent owned by Institute of Forest Genetics & Tree Breeding and Department of Biotechnology, Gol. It is also protected by a trade mark for the name 'ArborEasy'.

IFGTB has partnered with Aadastra IP Pvt Ltd, Gurugram, Delhi for commercialization of the kit. Aadastra IP Pvt Ltd with its presence in leading ASEAN countries will facilitate licensing/ marketing the kit in India and other countries. Efforts are on to partner with International e-commerce agency like Kerafast Inc., USA for capturing global clientele.

Competitive Advantages:

- **Rapid procedure with ease of handling**
- **Free from bio-hazardous chemicals**
- **High recovery of un-degraded DNA**
- **Isolation of DNA from highly fibrous and dried plant tissues**
- **Effective on tissues rich in polyphenols or polysaccharides**

DNA isolated using ArborEasy™ DNA Isolation kit



Left: ARBOREASY™ DNA ISOLATION KIT

Right: DNA ISOLATION KIT launched on 24th January 2018 at IFGTB by Dr.Meenakshi Munshi, Adviser, Dept. of Biotechnology, Gol