

DNA isolation from Plant Tissues

Omni International, Inc.

Application Procedure:

- **Sample type:** Tulip leaf, Tulip stem, tulip root, Basil leaf, Basil stem, Basil root.
- **Quantity:** 50mg each
- **Number of tubes:** 2 x 2mL tubes
- **Buffer:** Lysing buffer provided in MO BIO kit
- **Kit:** UltraClean® Plant DNA Isolation Kit



Bead Ruptor Elite
(Catalog Number 19-040E)

Desired End Result: Complete Homogenization of soft and tough plant samples

Omni Homogenizing Equipment:

- **Omni Bead Ruptor Elite:** Multi-Sample homogenizer setting: Different speed - 1 cycle of 3 min.
- **DNAse / RNAse Free Bead Tube:** 2.38mm Stainless Steel bead tubes

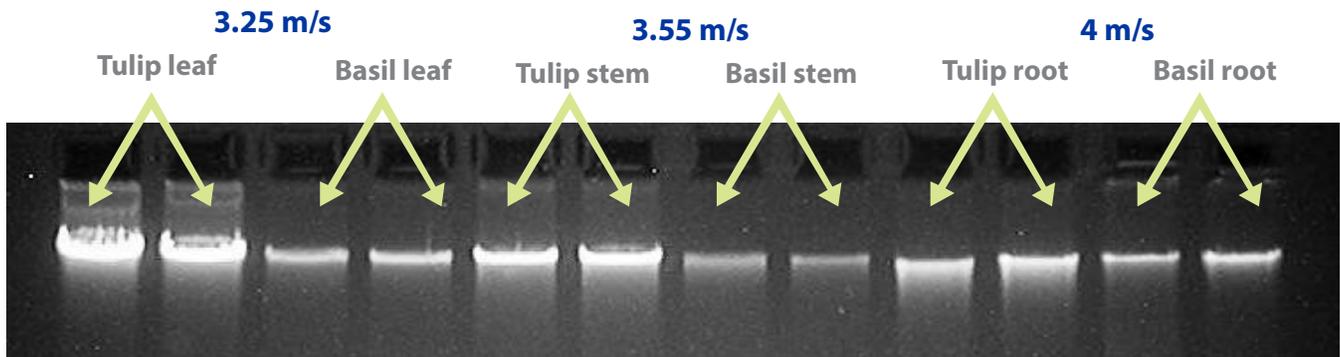


Figure 1 1% agarose gel with 17 μ l of each eluate loaded per lane

Conclusion

The Omni Bead Ruptor Elite extracts consistently high quality DNA from various type of plant tissues.