



reconstitute a desired amount with 10mM DTT immediately before use (e.g. add 4 $\mu$ L of 1M DTT to 396 $\mu$ L of Buffer L). Note: Do not store unused Buffer L reconstituted with DTT. Buffer B: Add 28 mL of 100% Ethanol, molecular biology grade. Mix well and store at room temperature. Buffer W: Add 136 mL of 100% Ethanol, molecular biology grade. Mix well and store at room temperature. Buffer E: Ready to use. Store at room temperature. Enzyme Mix and RNaseA: Ready to use. Store at -20°C. Keep on ice at all times while in use. Spin Columns: Ready to use. Store at room temperature in dry conditions.

**Kit Components**

Buffer L [Lysis Buffer]: 40 ml; RT 1M DTT: 400  $\mu$ l; -20°C Enzyme Mix: 2 x 1.0 ml; -20°C RNase A: 2 x 1.0 ml; -20°C Buffer B [Binding Buffer]: 25 ml; RT Buffer W [Wash Buffer]: 30 ml; RT Buffer E [Elution Buffer]: 22 ml; RT Spin Columns/Collection Tubes: 100 tubes; RT

**Compatible Sample Types**

Fresh or dry leaf, root, and seed plant tissues

**Features & Benefits**

Simple & rapid method to isolate highly pure, intact DNA from plant

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