

Product Information

Plant Lysis Buffer, 125mL

C/No. K.BUF-9102-125ml
Packaging 125 mL
Storage Room temperature
(21 °C – 25 °C)

Apical Scientific Sdn Bhd
No. 17, Jalan BS 7/1C,
Taman Perindustrian Bukit
Serdang, 43300
Seri Kembangan, Selangor



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Description

Plant Lysis Buffer (CTAB-based) enables efficient cell lysis and solubilization of plant tissues. The CTAB detergent denatures proteins and removes polysaccharides and phenolic compounds by forming soluble complexes at high salt concentrations. This results in high-quality DNA or RNA suitable for downstream molecular applications such as PCR, qPCR, and sequencing. Sterilized with 0.22 µM membrane filtration. This buffer is used in SEPa Plant DNA Isolation Reagent Kit (KIT-9101-125ml) and SEPa Plant RNA Isolation Reagent Kit (KIT-9102-125ml).

Applications

- Nucleic acid extraction

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Quality Control

DNA Purity Assay

Genomic DNA was extracted from plant. Absorbance with the ratio 260/280 between 1.7 – 2.0 was obtained. Single intact genomic DNA band was observed.

PCR Amplification Assay

The *rbcl* region was amplified from the purified plant genomic DNA.

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