Kleargene

Quick guide: Kleargene plant 384-well DNA extraction kit

Sample disruption

- Homogenise samples, + 75 µL buffer L1, incubate (55°C / 10 min)
- + 150 µL buffer C1, mix, incubate (55°C / 10 min)
- Centrifuge (3,000 *x* g / 2 min) to clear lysate

DNA binding

- Place filter plate on top of collection plate / reservoir
- Transfer 100 µL cleared lysate to filter plate wells, incubate at room temperature for 2 min
- Centrifuge (3,000 *x* g / 2 min) then clear collection plate

1st wash

- + 75 µL buffer A1 to filter plate wells, incubate at room temperature for 2 min
- Centrifuge (3,000 *x* g / 2 min) then clear collection plate

2nd wash

- + 37.5 µL buffer W1 to filter plate wells, incubate at room temperature for 2 min
- Centrifuge (3,000 *x* g / 2 min) then clear collection plate

Ethanol wash

- + 37.5 µL 100% EtOH to filter plate wells, incubate at room temperature for 2 min
- Centrifuge (3,000 *x* g / 2 min) then clear collection plate

Drying & elution

- Incubate filter plate (55°C / 10 min), then place on an elution plate
- + 37.5 µL buffer E1 (@ 55°C) to filter plate wells, incubate (55°C / 5 min)
- Centrifuge (3,000 *x* g / 2 min)

Need help, please contact our technical support team on
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