Kleargene

Quick guide: Plant silica slurry DNA extraction kit

Sample disruption

- Homogenise samples, + 150 µL buffer L1●, incubate (55°C / 30 min)
- Centrifuge (3000 *x* g / 2 min) to pellet debris
- Transfer as much cleared lysate as possible into a new plate

DNA binding

- + 300 µL well mixed buffer B1●, mix, incubate for 5 min at room temperature
- Centrifuge (3000 *x* g / 2 min) to pellet silica, then decant supernatant

1st wash

- + 300 µL buffer C1●, mix, incubate for 5 min at room temperature
- Centrifuge (3000 *x* g / 2 min) then decant supernatant

2nd wash

- + 300 µL buffer A1●, mix, incubate for 5 min at room temperature
- Centrifuge (3000 *x* g / 2 min) then decant supernatant

3rd wash

- + 150 µL buffer W1●, mix, incubate for 5 min at room temperature
- Centrifuge (3000 *x* g / 2 min) then decant supernatant

Ethanol wash

- + 150 µL EtOH, mix, incubate for 5 min at room temperature
- Centrifuge (3000 *x* g / 2 min) then decant supernatant

Drying & elution

- Incubate (55°C / 30 min), then place on a new collection plate
- + 150 µL buffer E1● (@ 55°C), mix, incubate (55°C / 10 min)
- Centrifuge (3000 *x* g / 2 min) then carefully aspirate off DNA solution

Need help, please contact our technical support team on
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