

Food and Plant (6GM) Quick Guide



TANBEAD



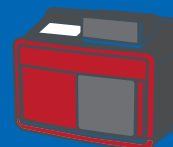
Starting Materials

50 ~ 250 mg material sample
1,000 μ L liquid sample



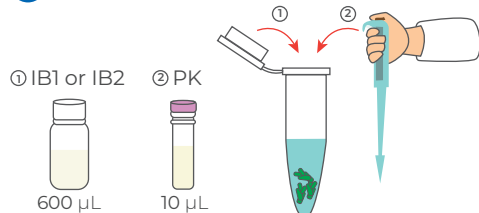
Elution Volume

100 ~ 130 μ L



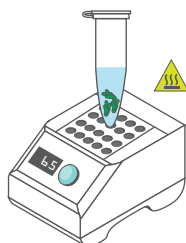
For Food, Fruit, Seeds, and High Silicon Samples

STEP 1 Pretreatment



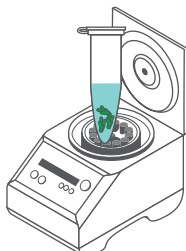
Add 50 ~ 250 mg food or 50 ~ 100 mg plant tissue to the tube, then add 600 μ L of either IB1 or IB2, followed by 10 μ L of PK, and vortex thoroughly

STEP 2 Incubation



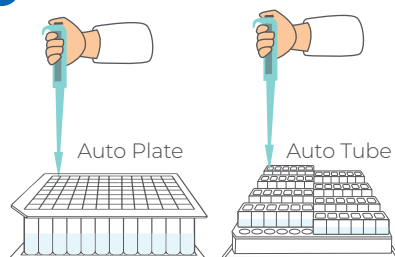
Incubate at 65°C for 30 min

STEP 3 Centrifugation



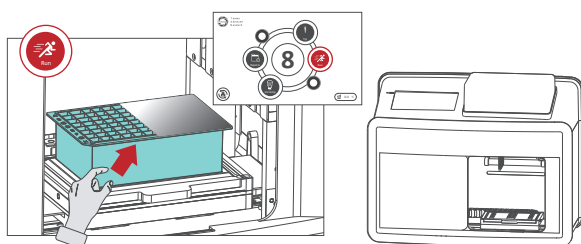
Centrifuge at 13,000 \times g for 3 min

STEP 4 Extraction



Transfer 500 μ L of supernatant as the sample for the automatic process

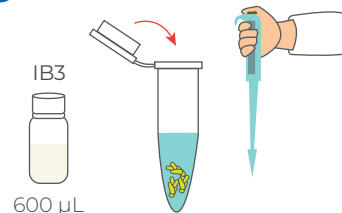
STEP 5 Prepare to Run



Place the extraction kit with cropped corner facing outwards. Tap **Run** icon. See back for Maelstrom Switch 8 Operation Quick Guide and start with **Step 8**

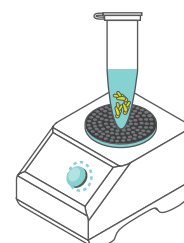
For Plant Tissue Samples

STEP 1 Pretreatment



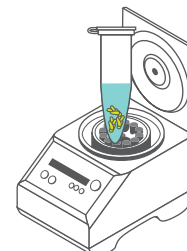
Add 50 ~ 100 mg of ground plant tissue and 600 μ L IB3 to the tube

STEP 2 Vortex



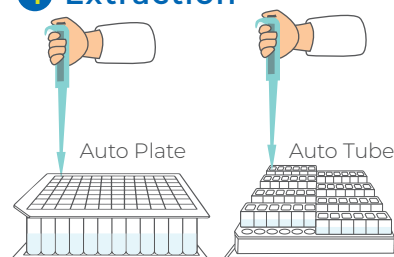
Vortex for thoroughly mixing

STEP 3 Centrifugation



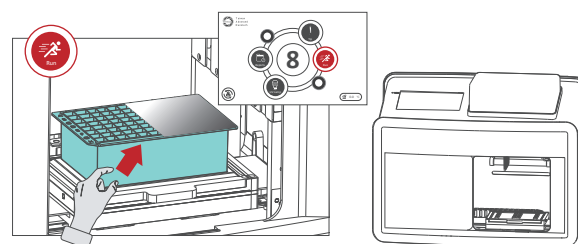
Centrifuge at 13,000 \times g for 3 min

STEP 4 Extraction



Transfer 500 μ L of supernatant as the sample for the automatic process

STEP 5 Prepare to Run



Place the extraction kit with cropped corner facing outwards. Tap **Run** icon. See back for Maelstrom Switch 8 Operation Quick Guide and start with **Step 8**

