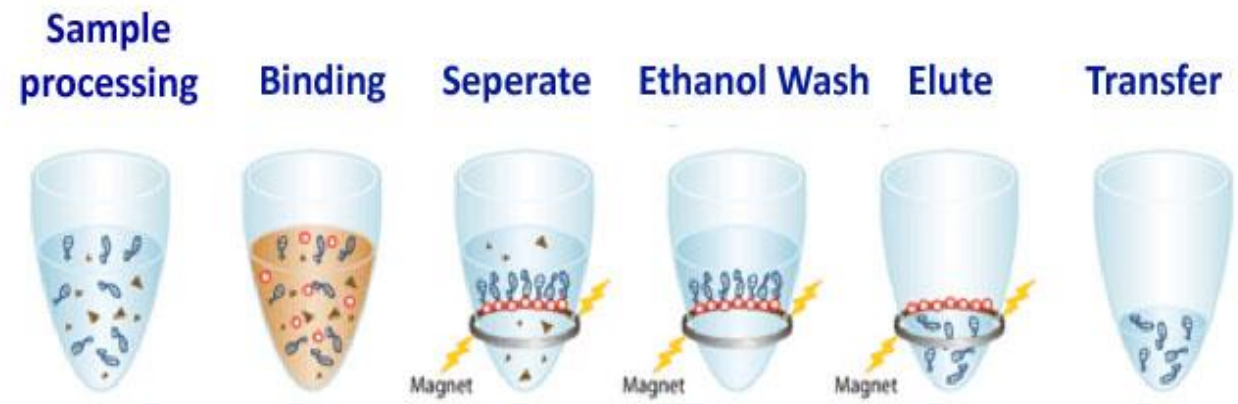
Fast Protocol for bacterial and aspergillus DNA extraction from plant flows, leaves, and concentrated samples.

1. Take 1 ml of cultured sample with TSB to 1.5mL microtube, then centrifuge at12,000rpm for 5 min.
2. Discard the supernatant. **Do not disturb the cell pellet in the tube bottom**.
3. Cell pellet + 200 uL of Lysis Buffer, then vortex vigorously for 1 min, then incubate at RT for 2 min or longer
4. Add 100 µL of chloroform, mix vigorously.
5. Centrifuge the lysate at 12,000 rpm at RT for 5 min
6. Take supernatant (about 200 uL), +200 uL of Binding Buffer to extraction plate.
7. Incubate at RT for 5min, then put the extraction plate onto the magnetic plate for 5 min.
8. Remove 400 uL supernatant.
9. Washing x2 with 70% EtOH (**aspirate all EtOH**).
10. Dry for 15min at RT
11. Add 50 uL Elution buffer, and mix, incubate 1min and put back on the magnetic plate for 1min. The eluent is the DNA samples for PCR amplification.

Note:

1. This short protocol is based on Microbial DNA Magnetic Purification Kit (TBS6025).
2. This protocol can be used for flower samples and concentrated samples. Do not need two different kits for DNA extraction.
3. The sample culture protocols are same as your current ones.



Bead-DNA Extraction Procedures