Isolation of bacteria from nodules

1) Cut nodule from root leaving a short piece of root on each side.
2) Sterilize in about 1 ml 20% Clorox for 5 minutes. Invert several times to make sure nodule is completely wetted.
3) Wash two times with 1 ml of water.
4) Add 1 ml of LB with 0.3 M glucose.
5) Use sterile pestle for Eppendorf tube and crush nodule. Serially dilute bacteria in LB with 0.3 M glucose. Plate 100 ml of 100 to 10⁻³ dilutions on selective medium.

Alternatively:
4) Add 1 ml of LB.
5) Remove nodule with sterile forceps, crush with forceps, and streak out on selective medium.

Notes:
Several nodules can be sterilized in one tube. The forceps don't reach the bottom of Eppendorf tubes. 2 ml tubes work better.