

PHAGEDIGGING PROTOCOL

1. SOAK

Add Phage buffer to sample
Mix well and let settle

2. FILTER

Remove syringe cap
Suck up liquid in syringe
Open top of filter
Attach syringe to filter
Place over open microcentrifuge tube
Push plunger down

3. INFECT (Add 50 ul sample to bacteria)

Set micropipettor to 50 microliters
Put tip on micropipettor
Push to first stop
Put tip in liquid in microcentrifuge
Slowly let plunger up
Take cap off of tube with bacteria
Put micropipettor vertically over tube with bacteria
Push swiftly to second stop (expel liquid)
Mix phage and bacteria...

*****Wait about 10-15 minutes

4. PLATE

- Add ~4.5 mls of melted top agar to bacteria
- Pour onto plate
- Swirl plate to spread top agar
- Let plate “set” without bumping

• 5. INCUBATE

- About 48 hours at 37 degrees