

Gel Electrophoresis Protocol

1. To make a 0.8% agarose gel weigh out 0.8 grams of agarose powder
2. Add 100 mL of 1x TAE buffer
3. Microwave until entirely dissolved
4. Pour into gel cast and leave until solid
5. Place cast into electrophoresis chamber
6. Load 5 μ L of DNA ladder
7. Mix 5 μ L of DNA sample with 1 μ L of loading dye and load gel
8. Turn gel electrophoresis on at the max 120 volts and run for 30-40 minutes
9. Visualize gel on UV box