Protocol for Agarose Gel Electrophoresis

Weigh agarose powder and TAE buffer and add them to a flask;

Melt the mixture in a microwave until the solution becomes clear (don't leave the microwave);

Let the solution cool to about 40-50℃ and pour the solution into the gel casting tray with appreciate comb;

Let the gel cool until it is solid;

Carefully pull out the comb;

Place the gel in the electrophoresis chamber;

Add enough TAE Buffer so that there is about 2-3 mm of buffer over the gel;

Pipette DNA samples mixed with appreciate amount of loading buffer and dye (GeneFinder) into wells on the gel;

Run the gel at 60V for about half an hour;