Purpose:

Purpose of this protocol is to create an agarose gel for visualizing and extracting DNA.

Required Materials:

- UltraPure Agarose
- Guanosine
- 1X TAE Buffer
- Erlenmeyer Flask
- Microwave
- Ethidium Bromide

Procedure:

1. Add 100 mL of 1X TAE Buffer to 0.8 g of UltraPure Agarose and a few grains of guanosine.
2. Microwave for 1 minute in conventional microwave, swirling at 30 seconds.
3. Allow to cool until it is not painful to touch and add 6 uL of Ethidium Bromide.
4. Pour into gel dock with comb and allow to solidify.