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## Agarose Gel Electrophoresis

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**Protocol status:** Working

We use this protocol and it's working

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## Abstract


The concentration of the agarose gel is 1%.

## Materials

Agarose  
50X TAE  
Gelred

## Troubleshooting

## Safety warnings

 Please wear gloves for the experiment, Be careful when heating, protect your hands.



- 1 Weigh 0.20 g of agarose.
- 2 Add 20 ml of TAE 1X.  
Need to prepare 1X TAE with 50X TAE.
- 3 Heat up until the solution is homogeneous.
- 4 Add 1  $\mu$ l Gelred into solution and mix well.
- 5 Put the solution into bed for polymerize, make sure "comb" is well placed and the solution is balanced.
- 6 20 min later, use the gel.