

# Agarose Gel Protocol

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July 21, 2010

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**Where** On the bench on the right of the fume hood.

	<b>Quantity</b>	<b>What</b>
<b>Material needed</b>	80 ml	TAE buffer $\times 1$
	0.8 g	Agarose Powder
	5 $\mu$ l	EtBr (Toxic!)

**Steps**

1. Mix TAE buffer + Agarose
2. put in the microwave. 2 min, maximal Power (800 W)
3. once is cold (you can take it in your hands) add EtBr
4. to prepare the mold lubricate the boards of the gel's socket with TAE  $\times 0.5$  and put it in the electrophoresis socket tilted  $90^\circ$ .
5. spill the solution on the mould. There should be any bubbles inside.
6. If any bubbles are on the mould bring them near the boards by using a tip.
7. wait 10-20 min until the gel become solid.

**Warnings**

- EtBr is toxic! Handle with care.
- Use only Nitride Gloves (the blue ones)
- The solution becker is *really hot* when you take it out of the microwave.