

Agarose Gel Protocol

Stefano Varricchio, iGEM 2010

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

	Quantity	What
Material needed	80 ml	TAE buffer $\times 1$
	0.8 g	Agarose Powder
	5 μ l	EtBr (Toxic!)
	1	Becker

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° .
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.

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.