

Arbor TX/TL

Aim of the experiment

It is used to express the selected plasmid e.g. GamS in the commercial TXTL extract.

Materials

- Arbor TXTL
- dNTPs
- GamS
- PEG 8000 63%

Procedure

1. Add components in the following order to the Arbor TXTL Aliquot (11.25 ul)

Volume (µl)	Reagents
11.25	Arbor TXTL
0.38	63% PEG 8000
0.75	dNTPs (10 mM stock solution)
0.38	GamS (150 µM stock solution)

2. Incubation for 10 minutes on ice.
3. Add 2.24 µl T7 Phage DNA (10.94 nM) to make the final concentration:
1.64 nM
4. Incubation for 7 hours at 29°C.