

In Vitro Translation

- 1) Thaw ^{35}S -Methionine, SP6-TNT rabbit reticulocyte lysate, and plasmids of interest quickly in room temperature water bath
- 2) Place reagents on ice after thawing
- 3) Add 1 uL 100ng/uL plasmid
- 4) Add 5 uL SP6-TNT rabbit reticulocyte lysate
- 5) Add 1 uL ^{35}S -Methionine (dispose of tip in radioactive waste)
- 6) Incubate 1.5 hrs at 30 °C
- 7) Snap freeze SP6-TNT rabbit reticulocyte lysate and ^{35}S -Methionine in liquid nitrogen and place back in -80 °C
- 8) Use immediately or freeze at -80 °C