

In Vitro Transcription/Translation (IVT)

- 1) Thaw 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 ug plasmid
- 4) Add 40 uL SP6-TNT rabbit reticulocyte lysate
- 5) Add 1 uL 1 mM Methionine
- 6) Add enough autoclaved dH₂O to make final volume of reaction to 50 uL
- 7) Incubate 1.5 hrs at 30 °C
- 8) Snap freeze SP6-TNT rabbit reticulocyte lysate and Methionine in liquid nitrogen and place back in -80 °C
- 9) Use immediately or freeze at -80 °C