

3.6 Sample Protocol

Translation of preprolactin (#39) at 1/10, 1/20, 1/40, 0 volume of mbs.

T2MM

| | <u>10uL</u> | <u>80uL</u> |
|--------|-------------|-------------|
| CB 20X | 0.5 | 4.0 |
| E Mix | 2.0 | 16.0 |
| RRL | 4.2 | 33.6 |
| tRNA | 0.1 | 0.8 |
| PIN | 0.1 | 0.8 |
| RNasin | 0.1 | 0.8 |
| CK | 0.1 | 0.8 |
| | 7uL | 56uL |

Translation:

| | T2 MM | #39 T1 | mbs | H2O | Total |
|----------|--------------|---------------|------------|------------|--------------|
| A (1/10) | 14 | 2 | 2 | 2 | 20 uL |
| B (1/20) | 14 | 2 | 1 | 3 | 20 uL |
| C (1/40) | 14 | 2 | 0.5 | 3.5 | 20uL |
| D (0) | 14 | 2 | - | 4 | 20 uL |