**Reverse Transcription**

|  |  |
| --- | --- |
| **Components** | **Amount** |
| Total RNA | 500ng-2ug |
| 2X RT Buffer Mix (includes dNTPs, random octamers, and oligo dT-16) | 10uL |
| RNase free water | to 20uL |
| 20X Enzyme mix (MuLV and RNase inhibitor protein) | 1uL |

cDNA was synthesized at 37C for 60 min. Reaction was heat terminated at 95C for 5 min.