

Materials List for:

In Vitro Transcribed RNA-based Luciferase Reporter Assay to Study Translation Regulation in Poxvirus-infected Cells

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Materials

| Name | Company | Catalog Number | Comments |
|--|--------------------------|----------------|---|
| 2X-Q5 Master mix | New England Biolabs | M0492 | High-Fidelity DNA Polymerase used in PCR |
| 3'-O-Me-m7G(5')ppp(5')G RNA Cap Structure Analog | New England Biolabs | S1411L | Anti reverse Cap analog or ARCA |
| Corning 96 Well Half-Area white flat bottom polystyrene microplate | Corning | 3693 | Opaque walled 96 well white plate with solid bottom |
| Dual-Luciferase Reporter Assay System | Promega | E1960 | Dual-Luciferase Assay Kit (DLAK) |
| E.Z.N.A. Cycle Pure Kit | OMEGA BIO-TEK | D6492 | PCR purification kit |
| GloMax Navigator Microplate Luminometer | Promega | GM2010 | Referred as multimode plate reader luminometer |
| HiScribe T7 Quick High Yield RNA synthesis Kit | New England Biolabs | E2050S | In Vitro transcription kit |
| Lipofectamine 2000 | Thermo Fisher Scientific | 11668019 | Cationic lipid transfection reagent |
| NanoDrop2000 | Thermo Fisher Scientific | ND-2000 | Used to measure DNA and RNA concentration |
| Opti-MEM | Thermo Fisher Scientific | 31985070 | Reduced serum media |
| Purelink RNA Mini Kit | Thermo Fisher Scientific | 12183018A | RNA purification kit |
| Vaccinia Capping System | New England Biolabs | M2080 | Capping system |