

Materials List for:

Evaluation of the Efficacy And Toxicity of RNAs Targeting HIV-1 Production for Use in Gene or Drug Therapy

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Materials

| Name | Company | Catalog Number | Comments |
|--|---------------|------------------------|--|
| DMEM HyClone | GE Healthcare | SH30243.01 | |
| FBS HyClone | GE Healthcare | SH30396.03 | |
| Penicillin/Streptomycin Gibco | Thermo Fisher | 15140-122 | |
| Cell culture plates, 96 well, 24 well, 6 well. | Corning | 353075, 353047, 353043 | |
| Micro tubes Axygen | Corning | 311-08-051 | |
| Low molecular weight Poly I:C | InvivoGen | 3182-29-6 | |
| DharmaFECT-1 | Dharmacon | T-2001-01 | transfection reagent for synthetic RNAs |
| TransIT-LT1 | Mirus | MIR 2300 | transfection reagent for RNA expression plasmids |
| Nonidet P40 (NP-40) | USB | 19628 | |
| [³² P]dTTP | Perkin Elmer | BLU505H | |
| poly(A) RNA template | Sigma-Aldrich | 10108626001 | |
| oligo(dT) ₁₂₋₁₈ DNA primer | Thermo Fisher | 18418-012 | |
| DEAE filtermat paper | Perkin Elmer | 1450-522 | |
| Microplate scintillation counter | Perkin Elmer | 1450-024 | |
| MTT | Sigma-Aldrich | M-2128 | |
| DPBS HyClone | GE Healthcare | SH30028.02 | |
| Microplate spectrophotometer | Bio-rad | 1706930 | |
| Lysis buffer tablets | Roche | 4693159001, 4906837001 | protease and phosphatase inhibitors |
| Microcentrifuge | Eppendorf | 5415R | |
| Bradford reagent | Bio-rad | 500-0006 | |
| Gel running chamber | Hoefer | SE600 | |
| Semi-dry transfer cell | Bio-rad | 1703940 | |
| Protein ladder EZ-Run | Thermo Fisher | BP3603-500 | |
| Nitrocellulose membrane | Bio-rad | 162-0094 | |
| BSA | Sigma-Aldrich | A9647-1006 | |
| Antibody stripping solution | Millipore | 2504 | |
| ECL - Pierce | Thermo Fisher | PI32106 | |
| ADAR1 antibody | | | from Dr. B.L. Bass |
| phospho-T446-PKR antibody | Abcam | ab32036 | |

| | | | |
|-------------------------------------|----------------|-----------|------------------------|
| phospho-S396-IRF3 antibody | Cell Signaling | 4947 | |
| PKR antibody | | | from Dr. A. Hovanesian |
| IRF3 antibody | Cell Signaling | 11904 | |
| Actin antibody | Millipore | MAB1501 | |
| Peroxidase-labeled goat anti-rabbit | KPL | 474-1506 | |
| Peroxidase-labeled goat anti-mouse | KPL | 474-1806 | |
| Ponceau S | Sigma-Aldrich | 6226-79-5 | |