

Materials List for:

# Monitoring Cell-autonomous Circadian Clock Rhythms of Gene Expression Using Luciferase Bioluminescence Reporters

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URL: <https://www.jove.com/video/4234>

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## Materials

| Name                           | Company     | Catalog Number | Comments                |
|--------------------------------|-------------|----------------|-------------------------|
| DMEM                           | HyClone     | SH30243FS      | For regular cell growth |
| DMEM                           | Invitrogen  | 12100-046      | For luminometry         |
| FBS                            | HyClone     | SH3091003      |                         |
| Pen/Strep/Gln(100x)            | HyClone     | SV3008201      |                         |
| B-27                           | Invitrogen  | 17504-044      |                         |
| D-Luciferin                    | Biosynth    | L-8220         |                         |
| Poly-L-lysine                  | Sigma       | P4707          |                         |
| Polybrene                      | Millipore   | TR-1003-G      |                         |
| Forskolin                      | Sigma       | F6886          |                         |
| All other chemicals            | Sigma       |                |                         |
| <b>Equipment</b>               |             |                |                         |
| Tissue culture incubator       |             |                | 5% CO2 at 37 °C         |
| Tissue culture hood            |             |                | BSL-2 certified         |
| Light & fluorescent microscope |             |                | Phase contrast optional |
| LumiCycle                      | Actimetrics |                |                         |