

**Materials List for:**

# **Assay to Measure Nucleocytoplasmic Transport in Real Time within Motor Neuron-like NSC-34 Cells**

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URL: <https://www.jove.com/video/55676>

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## **Materials**

| <b>Name</b>                                                     | <b>Company</b>        | <b>Catalog Number</b> | <b>Comments</b> |
|-----------------------------------------------------------------|-----------------------|-----------------------|-----------------|
| Mouse Motor Neuron-Like hybrid Cell Line (NSC-34)               | tebu-bio              | CLU140-A              |                 |
| DMEM 4.5 g/L L-glucose                                          | Biological Industries | 01-055-1A             |                 |
| FBS European Grade                                              | Biological Industries | 04-007-1A             |                 |
| SL 16R Centrifuge                                               | Thermo Scientific     | 75004030              |                 |
| Thermo Forma Series ii Water Jacketed CO <sub>2</sub> Incubator | Thermo Scientific     | 3111                  |                 |
| Cover glass 12 mm dia., 0.13-0.17 mm thick                      | Bar Naor LTD          |                       |                 |
| TurboFect Transfection Reagent                                  | Thermo Scientific     | <a href="#">R0531</a> |                 |
| Axiovert 100 inverted microscope                                | Zeiss                 |                       |                 |
| Imaging Workbench 2                                             | Axon Instruments      |                       |                 |
| Leptomycin B                                                    | Sigma                 | L2913                 |                 |
| PBS                                                             | Biological Industries | 02-023-1A             |                 |
| Homogenizer motor/control/chuck/90 degree clamp                 | Glas-Col              | 099C K5424CE          |                 |
| MicroCL 17R Centrifuge, Refrigerated                            | Thermo Scientific     | 75002455              |                 |