

**Materials List for:**

# **Dissection and Culture of Mouse Dopaminergic and Striatal Explants in Three-Dimensional Collagen Matrix Assays**

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URL: <https://www.jove.com/video/3691>

DOI: [doi:10.3791/3691](https://doi.org/10.3791/3691)

## **Materials**

| <b>Name</b>                              | <b>Company</b>                 | <b>Catalog Number</b> | <b>Comments</b> |
|------------------------------------------|--------------------------------|-----------------------|-----------------|
| Fetal Calf Serum                         | BioWhittaker                   | 14-801F               |                 |
| Glutamine (200mM)                        | PAA Laboratories               | M11-004               |                 |
| Hepes                                    | VWR international              | 441476L               |                 |
| β-Mercapto-ethanol                       | Merck & Co., Inc.              | 444203                |                 |
| Minimum Essential Media (MEM)            | GIBCO, by Life Technologies    | 61100-087             |                 |
| Neurobasal                               | GIBCO, by Life Technologies    | 21103-049             |                 |
| B27                                      | GIBCO, by Life Technologies    | 17504-044             |                 |
| Leibovitz's L-15 Medium                  | GIBCO, by Life Technologies    | 11415-049             |                 |
| Penicillin-Streptomycin                  | GIBCO, by Life Technologies    | 15070-063             |                 |
| Prolong Gold Antifade Reagent            | Invitrogen                     | P36930                |                 |
| Dialysis tubing                          | Spectrum Labs                  | 132660                |                 |
| Rabbit anti-Tyrosine Hydroxylase         | Pel-Freez Biologicals          | P40101-0              |                 |
| Rabbit anti-Darpp32 (H-62)               | Santa Cruz Biotechnology, Inc. | Sc-11365              |                 |
| Mouse anti-βIII tubulin                  | Sigma-Aldrich                  | T8660                 |                 |
| Alexa Fluor labeled secondary antibodies | Invitrogen                     |                       |                 |