

Materials List for:

# Culturing *In Vivo*-like Murine Astrocytes Using the Fast, Simple, and Inexpensive AWESAM Protocol

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## Materials

| Name                       | Company                  | Catalog Number                        | Comments                                                  |
|----------------------------|--------------------------|---------------------------------------|-----------------------------------------------------------|
| 0.05% trypsin-EDTA         | Gibco                    | 25300054                              | warm in 37 °C waterbath before use                        |
| 0.25% trypsin-EDTA         | Gibco                    | 25200-056                             | warm in 37 °C waterbath before use                        |
| B-27 supplement            | Gibco                    | 17504-044                             | 50X stock                                                 |
| Glutamax                   | Gibco                    | 35050-061                             | 100X stock                                                |
| Penicillin / streptomycin  | Gibco                    | 15070-063                             | 50 stock; penicillin: 5000 U/ml; streptomycin: 5000 µg/ml |
| Neurobasal medium          | Gibco                    | 21103049                              | without L-glutamine                                       |
| DMEM                       | Gibco                    | 41966029                              |                                                           |
| HBEGF                      | Sigma                    | 4643                                  |                                                           |
| HEPES                      | Gibco                    | 15630080                              |                                                           |
| HBSS                       | Gibco                    | 14170112                              |                                                           |
| FCS                        | Gibco                    | 10437028                              |                                                           |
| PBS                        | Gibco                    | 10010049                              | 1X                                                        |
| 100 µm nylon cell strainer | BD                       | 352360                                |                                                           |
| Trypan Blue                | Sigma                    | T8154                                 |                                                           |
| Cell culture incubator     | Thermo Fisher Scientific | Hera Cell 240i cell culture incubator |                                                           |
| Laboratory shaker          | Heidolph                 | Rotamax 120                           | use inside cell culture incubator                         |
| Centrifuge                 | Eppendorf                | 5810 R                                |                                                           |