

Assembling Retinal Organoids with Microglia

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jove.com/video/67016

Materials

| Name | Company | Catalog Number | Comments |
|---------------------------------------|---------------------------|----------------|---|
| Acctuse | Stemcell Technologies | 07920 | |
| Advanced DMEM/F12 | Thermo | 12634-010 | |
| Anti-CRX(M02) | abnova | H00001406-M02 | Antibody; dilution as per the manufacturer's instructions |
| Anti-IBA1 | Abcam | ab5076 | Antibody; dilution as per the manufacturer's instructions |
| B27 | Life Technologies | 17105-041 | |
| Dispase (1U/mL) | Stemcell Technologies | 07923 | |
| DMEM basic | Gibco | 10566-016 | |
| DMEM/F12 | Gibco | 10565-042 | |
| DPBS | Gibco | C141905005BT | |
| EDTA | Thermo | 15575020 | |
| F12 | Gibco | 11765-054 | |
| FBS | Biological Industry | 04-002-1A | |
| Gelatin | Sigma | G7041-100G | Solid |
| Glutamax | Gibco | 35050-061 | |
| H9 cell line | WiCell Research Institute | | |
| IL-3 | RD Systems | 203-IL-050 | |
| IL-34 | PeproTech | 200-34-50UG | |
| KSR | Gibco | 10828028 | |
| Matrix | Corning | 356231 | |
| M-CSF | RD Systems | 216-MC-500 | |
| MEM Non-essential Amino Acid Solution | Sigma | M7145 | |
| N2 | Life Technologies | 17502-048 | |
| Neurobasal | Gibco | 21103-049 | |
| Pen/strep | Gibco | 15140-122 | |
| Stem cell medium | Stemcell Technologies | 5990 | |
| Taurine | Sigma | T-8691-25G | |
| X-VIVO | LONZA | 04-418Q | |

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|--------------------------|-------------------|-----------|--|
| Y27632 | Selleck | S1049 | |
| β -mercaptoethanol | Life Technologies | 21985-023 | |