

**Materials List for:**

# **Primary Culture of Hippocampal Neurons from P0 Newborn Rats**

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URL: <http://www.jove.com/video/1481>

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## **Materials**

| <b>Name</b>                | <b>Company</b>                      | <b>Catalog Number</b> | <b>Comments</b>    |
|----------------------------|-------------------------------------|-----------------------|--------------------|
| Antibiotic antimetabolic   | Invitrogen                          | 15240062              |                    |
| B-27 Supplement            | Invitrogen                          | 17504044              | Serum free         |
| Boric Acid                 | Sigma-Aldrich                       | B6768                 |                    |
| Dnase I                    | Sigma-Aldrich                       | DN25                  |                    |
| Fura-2, AM cell permeant   | Molecular Probes, Life Technologies | F1221                 |                    |
| Glucose                    | Sigma-Aldrich                       | G7528                 |                    |
| HBSS (10X)                 | Invitrogen                          | 14185052              |                    |
| HEPES                      | Invitrogen                          | 15630080              |                    |
| L-Glutamine                | Sigma-Aldrich                       | G7513                 |                    |
| MEM                        | Invitrogen                          | 51200038              |                    |
| Neurobasal                 | Invitrogen                          | 12348017              | Without phenol red |
| Poly-L-Lysine Hydrobromide | Sigma-Aldrich                       | P6282                 |                    |
| Pyruvic Acid               | Sigma-Aldrich                       | P2256                 |                    |
| Sodium Pyruvate            | Sigma-Aldrich                       | P2256                 |                    |
| Sodium Tetraborate         | Sigma-Aldrich                       |                       |                    |
| Trypsin, 2.5% (10X)        | Invitrogen                          | 15090046              |                    |