

Materials List for:

Improving the Application of High Molecular Weight Biotinylated Dextran Amine for Thalamocortical Projection Tracing in the Rat

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Materials

| Name | Company | Catalog Number | Comments |
|---------------------------------------|--|---------------------------|-------------------------|
| Biotinylated dextran amine (BDA) | Molecular Probes | D1956 | 10,000 molecular weight |
| Streptavidin-Alexa Fluor 594 | Molecular Probes | S32356 | Protect from light |
| 500/525 green fluorescent Nissl stain | Molecular Probes | N21480 | Protect from light |
| Brain stereotaxis instrument | Narishige | SR-50 | |
| Freezing microtome | Thermo | Microm International GmbH | |
| Confocal imaging system | Olympus | FV1200 | |
| Micro Drill | Saeyang Microtech | Marathon-N7 | |
| Sprague Dawley | Institute of Laboratory Animal Sciences, Chinese Academy of Medical Sciences | SCKX (JUN) 2012-004 | |
| Vectastain ABC Kit | Vector Laboratories | PK-4000 | |
| superfrost plus microscope slides | Thermo | #4951PLUS-001 | 25x75x1mm |
| Photoshop and Illustration | Adobe | CS5 | |