

**Materials List for:**

# Laser Capture Microdissection - A Demonstration of the Isolation of Individual Dopamine Neurons and the Entire Ventral Tegmental Area

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## Materials

| Name   | Company                               | Catalog Number          | Comments |
|--|---------------------------------------|-------------------------|----------|
| Veritas Laser Capture Microdissection System | Life Technologies, Grand Island, NY   | Newer model is now sold |          |
| CapSure Macro LCM Caps                       | Life Technologies, Grand Island, NY   | LCM0211                 |          |
| CapSure HS LCM Caps                          | Life Technologies, Grand Island, NY   | LCM0213                 |          |
| PEN Membrane slides                          | Life Technologies, Grand Island, NY   | s4651                   |          |
| Silane prep-slides                           | Sigma-Aldrich, St. Louis, MO          | S4651                   |          |
| 95% Ethanol-RNase Free                       | Sigma-Aldrich, St. Louis, MO          | E7148                   |          |
| 100% Ethanol-RNase Free                      | Sigma-Aldrich, St. Louis, MO          | E7023                   |          |
| Rnase Free Triton                            | Sigma-Aldrich, St. Louis, MO          | T8787                   |          |
| Molecular Sieve                              | EDM Millipore, Billerica, MA          | MX1583D                 |          |
| Anti-Tyrosine hydroxylase antibody           | EDM Millipore, Billerica, MA          | Ab152                   |          |
| Alexa Fluor 488 goat anti-rabbit IgG         | Life Technologies, Grand Island, NY   | A-11008                 |          |
| 2100 Bioanalyzer                             | Agilent Technologies, Santa Clara, CA | G2939AA                 |          |
| Stratagene MX 3005P                          | Agilent Technologies, Santa Clara, CA | 401513                  |          |
| Nanodrop 3300 fluorospectrometer             | Thermo Scientific                     |                         |          |
| Quant-iT RiboGreen                           | Life Technologies, Grand Island, NY   | R11490                  |          |
| RNaseZap                                     | Life Technologies, Grand Island, NY   | AM9780                  |          |