Materials List for:
A Simple One-step Dissection Protocol for Whole-mount Preparation of Adult Drosophila Brains

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<table>
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<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
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<tbody>
<tr>
<td>w¹; parkΔ21/TM3, P(GAL4-Kr.C)DC2, P(UAS-GFP.S65T)DC10, Sb¹</td>
<td>Bloomington Drosophila Stock Center</td>
<td>51652</td>
<td>Balancer was switched to TM6B</td>
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<td>PBac[WH]park¹¹¹¹⁵⁰⁰</td>
<td>Exelixis at Harvard Medical School</td>
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<tr>
<td>NaCl</td>
<td>Fisher Scientific</td>
<td>S640-500</td>
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<td>Sodium Bicarbonate (NaHCO₃)</td>
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<td>02-003-990</td>
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<td>Potassium Chloride (KCl)</td>
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<td>BP366-500</td>
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<td>Sodium phosphate, monobasic monohydrate (NaHCO₃)</td>
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<td>02-004-198</td>
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<td>Magnesium Chloride (MgCl₂)</td>
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<td>D-Sorbitol</td>
<td>Sigma-Aldrich</td>
<td>S1876-500G</td>
<td>Replaces glucose</td>
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<td>Calcium chloride dihydrate (CaCl₂)</td>
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<td>C5670-500G</td>
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<td>EMD Millipore Durapore PVDF Membrane Filters: Hydrophilic: 0.22 μm Pore Size</td>
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<td>GVWP14250</td>
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<td>Formalin Solution, 10% (Histological)</td>
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<td>Potassium Phosphate, Dibasic, Powder, Ultrapure Bioreagent</td>
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<td>Tween-2</td>
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<td>Exelta Precision Tweezers with Very Fine Points</td>
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<td>Protocol does not require very fine points.</td>
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<td>Anti-Tyrosine Hydroxylase Antibody</td>
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<td>Rat-Elav-7E8A10 anti-elav</td>
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<td>Goat anti-Rat IgG (H+L) Secondary Antibody, Alexa Fluor 647 conjugate</td>
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<tr>
<td>Zen lite software</td>
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