

Materials List for:

# Metabolic Analysis of *Drosophila melanogaster* Larval and Adult Brains

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URL: <https://www.jove.com/video/58007>

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## Materials

| Name                                     | Company           | Catalog Number                                                                                                                                                                          | Comments                                       |
|------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Assay medium                             | Agilent           | 102365-100                                                                                                                                                                              |                                                |
| Calibrant solution                       | Agilent           | 100840-000                                                                                                                                                                              |                                                |
| Corning Cell-Tak Cell Tissue Adhesive    | Sigma Aldrich     | DLW354240                                                                                                                                                                               |                                                |
| delrin                                   | Grainger          | 2XMK6                                                                                                                                                                                   |                                                |
| Drosophila Schneider Media               | Thermo Fisher     | 21720-024                                                                                                                                                                               |                                                |
| Dumont High Precision Tweezers (style 5) | Ted Pella         | 5622                                                                                                                                                                                    |                                                |
| Loctite 409                              | Amazon            |                                                                                                                                                                                         |                                                |
| Mitostress kit                           | Agilent           | 103015-100                                                                                                                                                                              | oligomycin, rotenone, and antimycin A included |
| Netwell inserts (6-well)                 | VWR               | 29442-136                                                                                                                                                                               |                                                |
| nylon mesh                               | Component Supply  | U-CMN-64                                                                                                                                                                                |                                                |
| Parafilm M wrapping film                 | Fisher Scientific | S37440                                                                                                                                                                                  |                                                |
| PYREX spot plate                         | Fisher Scientific | 13-748B                                                                                                                                                                                 |                                                |
| Seahorse XFe96 Analyzer                  | Agilent           |                                                                                                                                                                                         |                                                |
| Wave v2.4 XFe96 analyzer software        | Agilent           | <a href="https://www.agilent.com/en/products/cell-analysis/software-download-for-wave-desktop">https://www.agilent.com/en/products/cell-analysis/software-download-for-wave-desktop</a> | free download to mac or windows                |
| XFe96 catridge and cell plates           | Agilent           | 102416-100                                                                                                                                                                              |                                                |