

Materials List for

# Mitochondrial Calcium Uptake Assay: A Plate Reader-Based Method for Measuring Calcium Uptake in Isolated Mitochondria

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URL: <https://www.jove.com/video/21240>

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## Materials

| Name  | Company    | Catalog Number | Comments |
|---|------------|----------------|----------|
| Synergy Neo2 Multimode microplate reader with injectors | Biotek     |                |          |
| Tissue Homogenizer                                      | Kimble     | 886000-0022    |          |
| 96-well plate   | Corning    | 3628           |          |
| Calcium Green-5N  | Invitrogen | C3737          |          |
| DMSO  | Invitrogen | D12345         |          |
| HEPES   | Sigma      | H3375          |          |
| EGTA  | Sigma      | E8145          |          |
| Potassium chloride                                      | Fisher     | BP366-500      |          |
| Magnesium chloride                                      | Sigma      | M2670          |          |
| Sodium pyruvate   | Sigma      | P2256          |          |
| L-malic acid  | Sigma      | M1125          |          |
| Calcium chloride  | Sigma      | C4901          |          |
| Potassium phosphate monobasic                           | Sigma      | P0662          |          |