

**Materials List for:**

# **Transplantation into the Anterior Chamber of the Eye for Longitudinal, Non-invasive *In vivo* Imaging with Single-cell Resolution in Real-time**

Midhat H. Abdulreda<sup>1,2</sup>, Alejandro Caicedo<sup>1,3,4</sup>, Per-Olof Berggren<sup>1,5</sup>

<sup>1</sup>Diabetes Research Institute, University of Miami Miller School of Medicine

<sup>2</sup>Department of Surgery, University of Miami Miller School of Medicine

<sup>3</sup>Department of Medicine, University of Miami Miller School of Medicine

<sup>4</sup>Department of Physiology & Biophysics, University of Miami Miller School of Medicine

<sup>5</sup>The Rolf Luft Research Center for Diabetes and Endocrinology, Karolinska Institutet

Correspondence to: Midhat H. Abdulreda at [mabdulreda@med.miami.edu](mailto:mabdulreda@med.miami.edu)

URL: <https://www.jove.com/video/50466>

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## **Materials**

| <b>Name</b>                                | <b>Company</b>                          | <b>Catalog Number</b> | <b>Comments</b>                                            |
|--------------------------------------------|-----------------------------------------|-----------------------|------------------------------------------------------------|
| IsoTHESIA (Isoflurane)                     | Buttler Animal Health Supply            | 11695-6775-2          | 99.9% Isoflurane/ml                                        |
| Ketaset (Ketamine HCL)                     | Fort dodge Animal Health                | 0856-2013-01          | Alternative injectable anesthesia                          |
| Beprenex (Buprenorphine HCL)               | Reckitt Benckiser Health Care (UK) Ltd. | 12496-075-7-1         | 0.3 mg/ml                                                  |
| Erythromycin Ophthalmic Ointment USP, 0.5% | Akron                                   | 17478-070-35          | Applied prophylactically to transplanted eye               |
| 0.9% Sodium Chloride (Saline)              | Hospira Inc.                            | 0409-7983-03          | For iv injection. Sterile                                  |
| PBS                                        | Gibco                                   | 10010-023             | 1X. Sterile                                                |
| CMRL medium 1066                           | Cellgro                                 | 98-304-CV             | Supplemented, CIT modification. Preferred media for islets |