Biochips

Protocol for

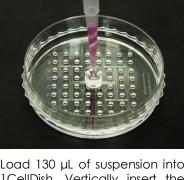
Innovative Biochips LLC Sugar Land, TX 77478, USA

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Prepare Initial Cells

250-500



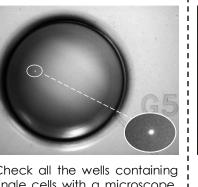
DO NOT release.

Isolate Single Cells





Remove Inlet Adaptor

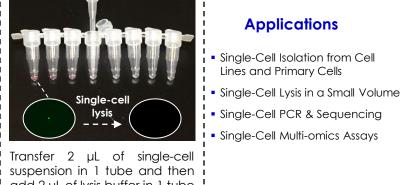


Identify Single Cells

the 1 Cell Dish.

Retrieve Single Cells





and multi-omics assays.

Lyse Single Cells



Applications



1CellAssay® Lysis Kit initial cell Load 130 µL of suspension into LAfter the solution flows out, Check all the wells containing Retrieve the target single cell Transfer 2 µL of single-cell i suspension into a cell culture i 1CellDish. Vertically insert the i keep holding the pipette to i single cells with a microscope. i by setting a pipette to 2 µL and i suspension in 1 tube and then i ¦ medium, PBS buffer, or other¦ pipette tip into the Inlet¦ prevent backflow. Then tilt the ¦ Bright-field or fluorescence with ¦ pipetting each well up and ¦ add 2 µL of lysis buffer in 1 tube ¦ 202 Industrial Blvd, Suite 703 i solution. Fully suspend the cells i Adaptor. Press the pipette i tip to detach the Inlet i a 10x objective is typically i down 3-5 times. After the target i to get 4 µL of single-cell lysate +1 (832)538-1925 and pipette up 130 µL of cell plunger down to its first stop. Adaptor from the 1CellDish. recommended. Write down cell is fully suspended, rapidly for downstream analyses, e.g.