🥭 i**Bio**chips

Protocol for

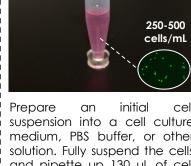
1CellAssay® Single-Cell Isolation & Lysis Kit

Innovative Biochips LLC

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info@ibiochips.com

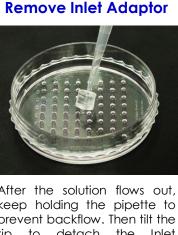
https://ibiochips.com/

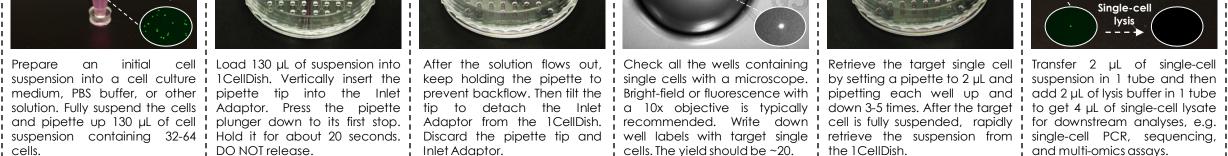


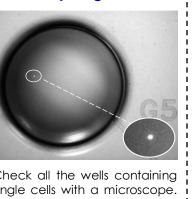
Prepare Initial Cells



DO NOT release.







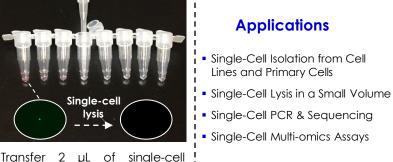
Identify Single Cells

initial cell ! Load 130 µL of suspension into ! After 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¦ 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

the 1 Cell Dish.

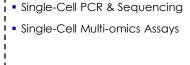
Retrieve Single Cells





and multi-omics assays.

Lyse Single Cells



Applications

