

Single Cell Isolation & Lysis Kit



Kit 하나로 Single cell도 분리하고 PCR을 위한 Lysis까지 한번에!!



- Single Cell Isolation
- Single Cell Cloning
- Target / Rare Cell Isolation
- CRISPR Cell line development
- Single Cell PCR & Sequencing

- 24개 Single Cell 분리!
- 2uL 내 Single Cell 분리!
- 4ul로 Single Cell Lyse!
- 50um 이하 Cell Size, 100개 이하 Cell수 적합 분리
- 30분 이내 분리가능
- 특별한 장비 필요 없음
- 특별한 기술 필요 없음
- Well간 No-Cross talk

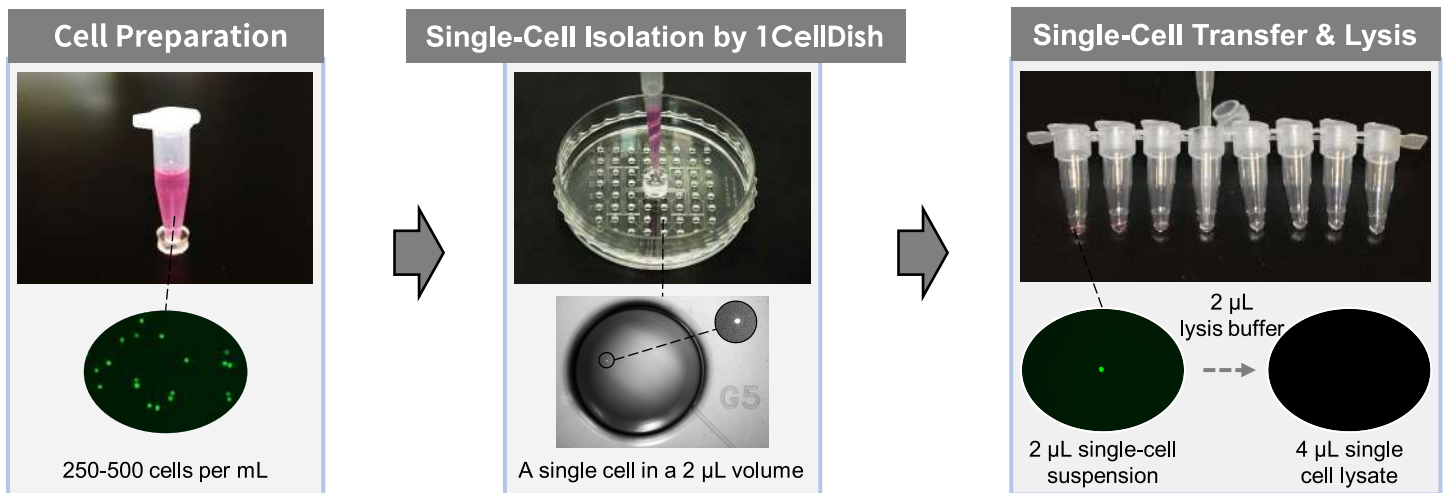
Order Information

#K1-SCLS-Kit

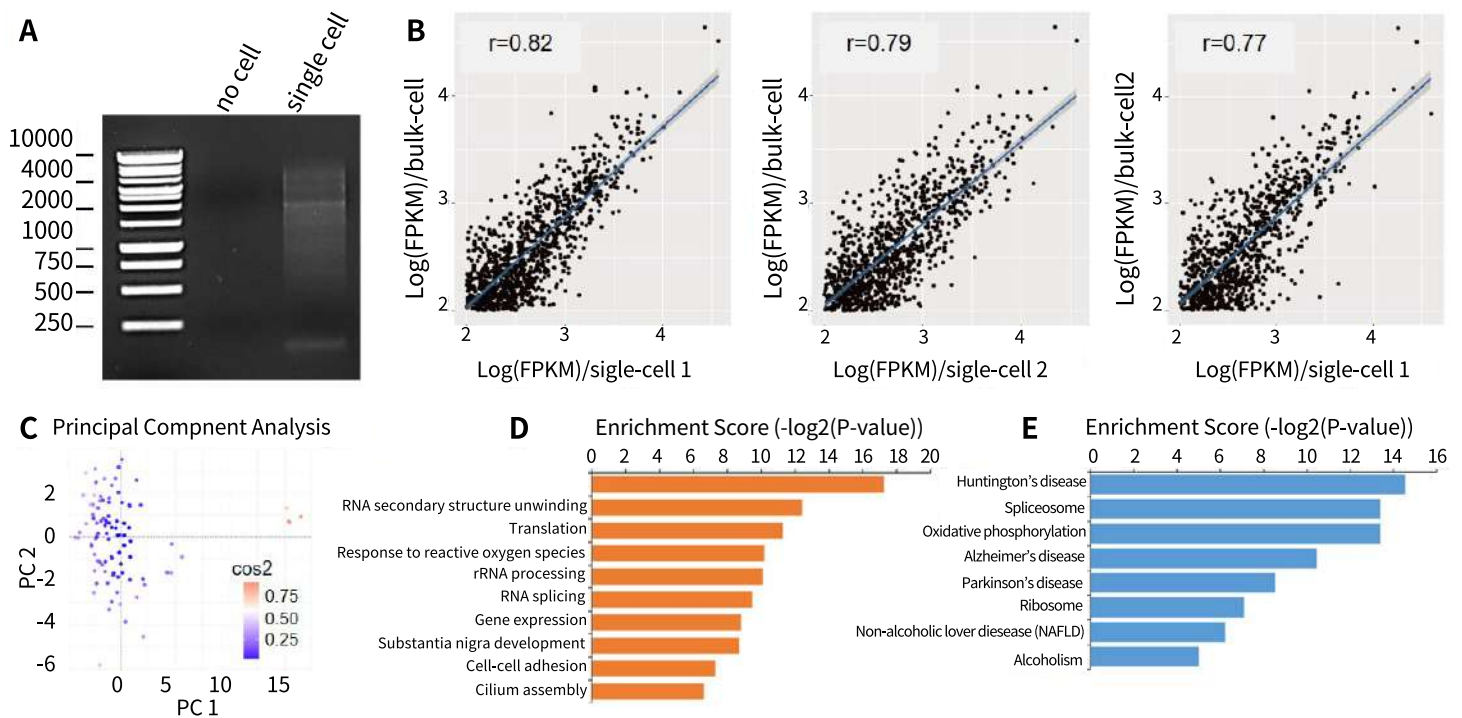
1 Cell Assay® Single Cell Isolation & Lysiskit

Component	Description
1CellDish™-60mm	2 devices (60 mm Petri Dish format; flat polystyrene well bottom; isolate ~ 20 single cells per device)
Cell Lysis Buffer	200 µL (10mM Tris pH 7.5, 130mM NaCl, 1% Triton X-100™, 10mM NaF, 10mM NaPi, 10mM NaPPi)
Strip PCR Tubes	3 strips (DNA, RNase & DNase free; compatible with 0.2 mL thermal cycler for qPCR/Real-Time PCR)

Single-Cell Isolation and Lysis



Single-Cell PCR and RNA-Sequencing



(A) Analysis of partially purified cDNA from 1 single NK-92 cell.

(B) Correlations between 2 single NK-92 cells and bulk NK-92 cells in RNA-seq measurement of the gene.

(C) Principal Component Analysis of 92 single HEK 293 cells (blue dots) and 4 non-template controls (red dots).

(D-E) Enrichment analysis of GO terms and pathways for highly variable genes of 92 single HEK 293 cells.

Note: 1CellDish™-60mm is used with SMART-Seq v4 Kit (A-B) and BD Whole Transcriptome Analysis Kit (C-D).