

## Description

The Kinnex single-cell concatenation kit contains reagents and oligos to create concatenated barcoded Kinnex libraries for 10x 3' or 5' single-cell cDNA.

## Kit configuration & layout

### Configuration

#	Component	Part number	Qty	Color	Volume
1-2	Kinnex single-cell PCR Mix	103-244-500	2	green	1485 µL
3	Kinnex 3' capture primer mix	103-182-400	1	yellow	132 µL
4	Kinnex 5' capture primer mix	103-182-200	1	red	132 µL
5	Kinnex single-cell enzyme	103-243-800	1	light green	160 µL
6	Kinnex primer mix A	103-107-800	1	orange	36 µL
7	Kinnex primer mix B	103-107-900	1	orange	36 µL
8	Kinnex primer mix C	103-108-000	1	orange	36 µL
9	Kinnex primer mix D	103-108-100	1	orange	36 µL
10	Kinnex primer mix E	103-108-200	1	orange	36 µL
11	Kinnex primer mix F	103-108-300	1	orange	36 µL
12	Kinnex primer mix G	103-108-400	1	orange	36 µL
13	Kinnex primer mix H	103-153-000	1	orange	36 µL
14	Kinnex primer mix I	103-153-100	1	orange	36 µL
15	Kinnex primer mix J	103-153-200	1	orange	36 µL
16	Kinnex primer mix K	103-153-300	1	orange	36 µL

#	Component	Part number	Qty	Color	Volume
17	Kinnex primer mix L	103-153-400	1	orange	36 µL
18	Kinnex primer mix M	103-153-500	1	orange	36 µL
19	Kinnex primer mix N	103-153-600	1	orange	36 µL
20	Kinnex primer mix O	103-153-700	1	orange	36 µL
21	Kinnex primer mix PQ	103-153-800	1	orange	36 µL
22	Kinnex adapter bc01 mix	103-109-600	1	blue	15 µL
23	Kinnex adapter bc02 mix	103-109-700	1	blue	15 µL
24	Kinnex adapter bc03 mix	103-109-800	1	blue	15 µL
25	Kinnex adapter bc04 mix	103-109-900	1	blue	15 µL
26	Kinnex single-cell ligation additive	103-244-400	1	red	265 µL
27	Kinnex single-cell ligase	103-244-000	1	yellow	132 µL
28	Kinnex single-cell ligase buffer	103-244-100	1	white	132 µL
29	DNA Repair Mix	103-110-000	1	green	27 µL
30	Repair buffer	103-244-300	1	purple	80 µL
31	Nuclease mix	103-110-100	1	light green	66 µL
32	Nuclease buffer	103-110-200	1	light purple	66 µL

### Layout



## Quantities

12 reactions

## Storage and handling requirements

Product should be stored frozen between -15 to -25 °C.

Refer to protocols for additional recommendations for reagent handling.

## Shelf life

Refer to expiration date on kit label.

## Intended use

Research use only. Not for use in diagnostic procedures.

## Support

For additional product and technical information, such as safety data sheets (SDS) or procedures, visit our [website](#).

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