

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

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

## Legal

Information in this document is subject to change without notice. PacBio assumes no responsibility for any errors or omissions in this document. Certain notices, terms, conditions and/or use restrictions may pertain to your use of PacBio products and/or third-party products. Refer to the applicable PacBio terms and conditions of sale and to the applicable license terms at [pacb.com/license](https://pacb.com/license). Pacific Biosciences, the PacBio logo, PacBio, Circulomics, Omniome, SMRT, SMRTbell, Iso-Seq, Sequel, Nanobind, SBB, Revio, Onso, Apton, and Kinnex are trademarks of PacBio.