

Description

The SMRTbell express template prep kit 2.0 contains reagents for library preparation with overhang SMRTbell adapter (18 reactions). This kit includes sequencing primer v4 and is designed for diffusion loading only.

Kit configuration & layout

Configuration

#	Component	Part number	Qty	Color	Volume
1	DNA prep buffer	101-653-300	1	gold	140 µL
2	NAD	101-653-400	1	red	20 µL
3	Enzyme dilution buffer	101-653-500	1	purple	110 µL
4	Nuclease-free Water	101-654-400	1	white	1 mL
5	DNA prep additive	101-653-600	1	Light purple	20 µL
6	DNA prep enzyme	101-653-700	1	blue	20 µL
7	DNA damage repair mix v2	101-653-800	1	green	41 µL
8	End prep mix	101-653-900	1	orange	60 µL
9	Overhang adapter v3	101-654-000	1	Light green	90 µL
10	Ligation mix	101-654-100	1	yellow	540 µL
11	Ligation additive	101-654-200	1	Light blue	18 µL
12	Ligation enhancer	101-654-300	1	red	18 µL
13-15	1x elution buffer	100-159-800	3	white	1.5 mL
16	10X primer buffer v2	001-560-849	1	blue	1 mL
17	Sequencing primer v4	101-654-600	1	Light blue	18 µL

Layout



Quantities

18 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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