

Description

The Sequel II binding kit 3.1 contains all reagents needed for binding sequencing polymerase to SMRTbell[®] libraries in preparation for sequencing. It includes Sequel II DNA internal control complex 3.1. This kit is recommended for SMRTbell libraries <3 kb. For larger libraries the Sequel II binding kit 3.2 is recommended. The kit supports 24 reactions, up to 4 SMRT[®] Cells 8M per reaction.

Kit configuration & layout

Configuration

#	Component	Part number	Qty	Color	Volume
1	Sequel II annealing buffer	102-326-100	1	light blue	1.25 mL
2	Sequel II primer 3.1	102-326-300	1	light green	1.25 mL
3-5	Sequel II polymerase dilution buffer	102-326-000	3	yellow	1.7 mL
6	Sequel II DNA polymerase 2.1	102-281-800	1	purple	105 µL
7-9	Sequel II ABC buffer	102-326-600	3	blue	1.7 mL
10	Sequel II DNA internal control complex 3.1	102-249-500	1	red	27 µL
11-18	Sequel II loading buffer 3.1	102-284-300	8	green	1.5 mL

Layout



Quantities

24 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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