

## Description

The Sequel II binding kit 3.1 contains all reagents needed for binding sequencing polymerase to SMRTbell<sup>®</sup> 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<sup>®</sup> Cells 8M each.

## 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 at

<http://www.pacb.com/support/documentation/>

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