

Description

The Sequel® II Binding Kit 2.2 contains reagent supplies to bind prepared DNA template libraries to the Sequel® II Polymerase 2.2 in preparation for HiFi sequencing. The result is a DNA polymerase template complex ready for use with Adaptive Loading on the Sequel II and Sequel IIe Systems. Sequel II Polymerase 2.2 should be used only with Sequel II Sequencing Kit 2.0. Reagent quantities support approximately 24 binding reactions, and up to 70 SMRT® Cell 8M runs depending on use case, sample size and concentration. Note: Sequel II Polymerase 2.2 is not recommended for inserts <3 kb on the Sequel II and Sequel IIe Systems.

Kit components include:

Subcomponent Name	Part Number	Number	Color	Volume (µL)
Sequel® II DNA Polymerase 2.2	101-905-800	1	Purple	30 µL
Sequel® Binding Buffer	101-623-400	2	Yellow	1500 µL
Sequel® dNTP	101-623-700	1	Green	200 µL
Nuclease-Free Water	101-654-400	1	White	1000 µL
Adaptive Loading Buffer	102-030-300	6	Green	1700 µL
Sequel® Complex Dilution Buffer	101-623-600	2	Blue	1600 µL

Part Number

101-894-200

Quantities

24 reactions

Intended Use

For Research Use Only. Not for use in diagnostic procedures.

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Storage and Handling Requirements

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

Shelf Life

Refer to expiration date on kit label.

Support

For additional product and technical information, such as Safety Data Sheets (SDS) or procedures, please visit our website at <http://www.pacb.com/support/documentation/>.

Legal

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