

Description

The Sequel® II Binding Kit 2.0 contains reagent supplies to bind prepared DNA template libraries to the Sequel® II Polymerase 2.0. Sequel II Binding Kit 2.0 is to be used for all samples except for samples with short inserts <3 kb such as amplicons. The result is a DNA polymerase / template complex. Sequel II Polymerase 2.0 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.

Kit components include:

Subcomponent Name	Part Number	Number	Color	Fill Volume (µl)
Sequel® II DNA Polymerase 2.0	101-803-900	1	Purple	40 µl
Sequel® Binding Buffer	101-623-400	2	Yellow	1500 µl
Sequel® dNTP	101-623-700	1	Green	200 µl
DTT	001-388-706	3	Red	450 µl
Sequel® Additive	101-623-500	1	White	700 µl
Sequel® Complex Dilution Buffer	101-623-600	7	Blue	1600 µl

Part Number

101-789-500

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.

Refer to Sample Preparation and Sequencing Guide for additional recommendations for reagent handling.

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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