

Description

The SMRTbell™ Damage Repair Kit contains reagent supplies to perform DNA Damage Repair, Exonuclease III and VII treatments, and primer-annealing of SMRTbell libraries for insert sizes ranging from 500 bp to over 20 kb. Reagent quantities support 10 library preparations.

Kit components include:

Subcomponent Name	Part Number	Number	Color	Fill Volume (µl)
DNA Damage Repair Mix	100-317-800	1	Red	25 µl
10x DNA Damage Repair Buffer	001-561-085	1	Red	60 µl
NAD+	001-561-194	1	Red	10 µl
ATP high	001-394-672	1	Red	320 µl
dNTP	001-394-781	1	Red	45 µl
Exo III	001-334-957	1	Green	12 µl
Exo VII	001-393-664	1	Green	12 µl
Sequencing Primer v2	001-560-740	1	Blue	25 µl
10X Primer Buffer v2	001-560-849	1	Blue	1000 µl
1X Elution Buffer	100-159-800	1	White	1500 µl

Part Number

100-465-900

Quantity

Ten 50 uL 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 at -20°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 www.pacificbiosciences.com and on our customer portal at www.pacbioportal.com.

Legal

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