

DNA SMART™ ChIP-Seq Kit

Catalog Nos.	Amount
634865	12 rxns
634866	48 rxns
634867	48 rxns

Description

ChIP sequencing (ChIP-seq) combines chromatin immunoprecipitation (ChIP) with next-generation sequencing (NGS) to identify the location of protein binding to DNA. The DNA SMART ChIP-Seq Kit generates indexed ChIP-seq libraries suitable for NGS on Illumina® sequencing platforms. Library complexity is preserved from as little as 500 pg of double-stranded or single-stranded input DNA. The kit utilizes Clontech's DNA SMART technology; sequencing libraries are generated without the need for enzymatic cleanup or adapter ligations. All of the necessary reagents for producing ChIP-seq libraries are provided in this kit, including primer sets that contain Illumina high-throughput indexes. There are three different versions of the kit depending on the number and specific Illumina indexes desired. For more information on the indexes supplied in each kit visit: www.clontech.com.

Package Contents

634865 (12 rxns):

- DNA SMART ChIP-Seq Components (Cat. No. 634868; not sold separately) [>>View Components](#)
- Indexing Primer Set HT for Illumina - 12 (Cat. No. 634871; not sold separately) [>>View Components](#)
- SeqAmp™ DNA Polymerase (Cat. No. 638504) [>> View Components](#)

634866 (48 rxns):

- DNA SMART ChIP-Seq Components (Cat. No. 634872; not sold separately) [>>View Components](#)
- Indexing Primer Set HT for Illumina - 48 A (Cat. No. 634869; not sold separately) [>>View Components](#)
- SeqAmp DNA Polymerase (Cat. No. 638509) [>> View Components](#)

634867 (48 rxns):

- DNA SMART ChIP-Seq Components (Cat. No. 634872; not sold separately) [>>View Components](#)
- Indexing Primer Set HT for Illumina - 48 B (Cat. No. 634870; not sold separately) [>>View Components](#)
- SeqAmp DNA Polymerase (Cat. No. 638509) [>> View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

Clontech Laboratories, Inc.

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Product Components List

Cat. Nos. 634865, 634866, 634867

DNA SMART ChIP-Seq Kit

Product Documents

Documents for Clontech® products are available for download at www.clontech.com/manuals

The following documents apply to this product:

- DNA SMART ChIP-Seq Kit User Manual
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This document has been reviewed and approved by the Clontech Quality Assurance Department.