

ChIP Elute Kit

Catalog No.
634887

Amount
50 rxns

Lot Number
Specified on product label.

Description

The ChIP Elute Kit is designed to be used downstream of a chromatin immunoprecipitation (ChIP) assay to elute DNA associated with the antibody. The ChIP Elute Kit allows for simultaneous elution and crosslinking reversal of nuclear protein–DNA complexes in a single step. The resulting DNA is single stranded (ssDNA) and is purified and concentrated with the ChIP-grade reagents provided in the kit. The output from this kit is directly compatible with ChIP-seq library preparation using the DNA SMART™ ChIP-Seq Kit. The DNA SMART ChIP-Seq Kit generates sequencing libraries compatible with Illumina® platforms from single-stranded or double-stranded fragmented DNA.

Package Contents

Package 1:

2 x 3 ml	ChIP Elute Resin
100 µl	Proteinase K
10 ml	DNA Dilution Buffer

Package 2:

50 columns	ssDNA Binding Columns
50 tubes	Collection Tubes
25 ml	ssDNA Binding Buffer
25 ml	ssDNA Wash Buffer

Storage Conditions

- Store Package 1 at 4°C
- Store Package 2 at Room temperature

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Blue ice (4°C)

Product Documents

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

The following documents apply to this product:

- ChIP Elute Kit Protocol-At-A-Glance

Clontech Laboratories, Inc.

A Takara Bio Company
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

United States/Canada 800.662.2566 010715	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.543.6116
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Quality Control Data

A sample kit from each lot was tested as follows: 100 ng of human gDNA (fragmented to a range of 75 to 900 bp) was processed as described in the ChIP Elute Kit Protocol-At-A-Glance and eluted in 23 μ l of DNA Dilution Buffer. The DNA output was quantified using the Qubit 2.0 Fluorometer (Life Technologies) with a Qubit ssDNA Assay Kit, resulting in a yield of at least 2.6 ng/ μ l.

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A Takara Bio Company
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

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United States/Canada	Asia Pacific	Europe	Japan
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