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DNA Purification Buffers and Spin Columns (ChIP, CUT&RUN)



Cell Signaling
TECHNOLOGY®

#14209

1 Kit (36 DNA purifications)

Support: +1-978-867-2388 (U.S.)
www.cellsignal.com/support

Orders: 877-616-2355 (U.S.)
orders@cellsignal.com

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For Research Use Only. Not For Use In Diagnostic Procedures.

Products Included	Product #	Kit Quantity
DNA Binding Buffer	10007	2 x 30 ml
DNA Wash Buffer (add 4x volume ethanol before use)	10008	6 ml
DNA Elution Buffer	10009	2 x 1 ml
DNA Purification Columns	10010	36 Columns

Description: This product is offered to enable DNA purification using spin columns with our CUT&RUN Assay Kit (#86652).

This product also is offered to conveniently provide additional ChIP buffer reagents for preparing, immunoprecipitating, washing, and eluting chromatin using our SimpleChIP® (#9002, #9003) and SimpleChIP® Plus (#9004, #9005) Enzymatic Chromatin IP Kits, as well as our SimpleChIP® Sonication Chromatin IP kit (#56383). These SimpleChIP® kits provide all the reagents required for performing the recommended of chromatin preparations (or optimizations) and chromatin immunoprecipitation (ChIP) assays, however there are instances where extra ChIP Buffer, ChIP Elution buffer, and NaCl are desired.

The DNA purification columns combine the convenience of spin-column technology with the selective binding properties of a uniquely designed silica membrane that allows for efficient recovery of DNA and removal of protein contaminants without the need for phenol/chloroform extractions and ethanol precipitations. After DNA purification, the enrichment of particular DNA sequences can be analyzed by a variety of methods.

Storage: Store at room temperature. Components are stable for 12 months upon receipt when stored properly.

Directions for Use: Use as directed in the respective SimpleChIP® Chromatin IP kit and CUT&RUN Assay kit protocols. Please note that if following the SimpleChIP® Chromatin protocol there will be excess DNA Binding Buffer (#10007) to accommodate the CUT&RUN protocol.

For product specific protocols and a complete listing of recommended companion products please see the product web page at www.cellsignal.com.

Thank you for your recent purchase. If you would like to provide a review visit www.cellsignal.com/comments.

www.cellsignal.com

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Applications: W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry E-P—ELISA-Peptide Species Cross-Reactivity: H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse All—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.