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


**Cell Signaling**  
TECHNOLOGY®

#14209

1 Kit (36 DNA purifications)

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

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

**For Research Use Only. Not for Use in Diagnostic Procedures.**

Product Includes	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 buffer reagents when using our SimpleChIP® (#9002, #9003) and SimpleChIP® Plus (#9004, #9005) Enzymatic Chromatin IP Kits, SimpleChIP® Sonication Chromatin IP Kit (#56383), and CUT&Tag Assay Kit (#77552). These kits provide all the reagents required for performing the respective assays, however there are instances where extra buffers 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, the CUT&RUN Assay kit, and the CUT&Tag Assay kit protocols. Please note that if following the SimpleChIP® Chromatin protocol or the CUT&Tag protocol, there will be excess DNA Binding Buffer (#10007) to accommodate the CUT&RUN protocol.

**Safety Information:** Components in DNA Binding Buffer #10007 and prepped DNA Wash Buffer #10008 are reactive with bleach and can form toxic gases. Discarded liquid in DNA purification steps should not be combined with bleach or bleach-containing products. See Safety Data Sheet (SDS).

**For product specific protocols and a complete listing of recommended companion products please see the product web page at [www.cellsignal.com](http://www.cellsignal.com).**

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**Applications:** W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry FC-FP—Flow cytometry-Fixed/Permeabilized FC-L—Flow cytometry-Live 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.