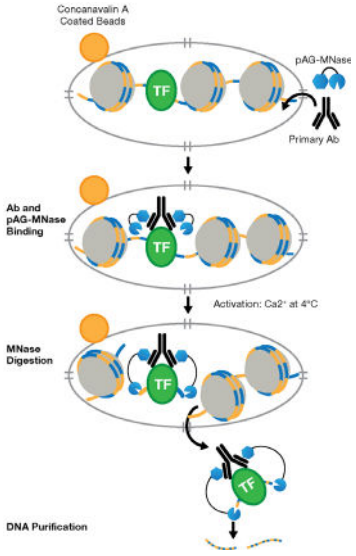
Save 20% on CUT&RUN Assay Kit

Cell Signaling Technology

CUT&RUN Assay Kit

The Cleavage Under Targets & Release Using Nuclease (CUT&RUN) assay is a faster, more cost-effective alternative to ChIP-qPCR and ChIP-seq that requires fewer cells to investigate protein-DNA interactions. Cell Signaling Technology® (CST®) has developed a CUT&RUN Assay kit designed to conveniently provide reagents needed to perform up to 24 digestion reactions from cells and is optimized for 100,000 cells per reaction. The kit has been optimized to work for all types of DNA binding proteins, including histones, transcription factors and cofactors. A complete assay can be performed in as little as one day. All you need to provide is a primary antibody against your protein of interest. CST provides everything else in the CUT&RUN kit (#86652) that contains all the buffers and reagents you need, along with a detailed protocol. The CUT&RUN Assay Kit also provides important controls to ensure a successful CUT&RUN experiment.



Expanded Benefits:

Improved protocols	Optimized protocols enhance the enrichment of low abundance and/or weak binding transcription factors and cofactors
Even lower sample requirement	5-10K cells for Histones 10-20K cells for Transcription Factors and Cofactors
Now compatible with fixed cells	Light cell fixation keeps cells intact, preserves cell signaling pathways, and enhances the enrichment for accessory components of huge complexes
Use fixed or fresh tissue samples with confidence	Validated and optimized tissue protocols give you data confidence when using ~20x less sample compared to ChIP
Study protein-DNA interactions in primary cells	CUT&RUN significantly lowers the cell number requirements, making it suitable to use with primary cells

Plus, don't forget that the CUT&RUN Assay Kit from CST provides:

Fast time to results	1-2 days from cell to DNA
Lower sequencing depth = lower sequencing costs	Only requires 3-5 million high-quality reads per sample due to the inherently low assay background
In Vivo Method	Assays are performed using native chromatin, eliminating cross-linking artifacts
Antibody versatility	Compatible with rabbit and mouse antibodies
Target versatility	Generate sequencing and/or qPCR data for histones, histone modifications, transcription factors, and cofactors.
Straightforward quantification	Spike in control DNA to simplify data quantification and normalization.

For more info, please contact:

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or give us a call at
08-30 60 10

Use promo code: CST2023-Q1

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Use promo codes when ordering to receive the special price. Valid until 31.03 .2023