



Expires June 30th, 2024

CUT&Tag

from Cell Signaling Technology®

NOW AVAILABLE AT MEDSTORE

Cell Signaling TECHNOLOGY®
Exclusive Canadian distributor

Like CUT&RUN, Cleavage Under Targets & Tagmentation (CUT&Tag) is a faster, more cost-friendly alternative to ChIP-seq. Compared to ChIP-Seq, CUT&Tag profiles chromatin with less sample, a simplified workflow, lower sequencing costs, and improved signal-to-noise due to lower backgrounds. CUT&Tag is faster than CUT&RUN because most of the library prep occurs in vivo, delivers equivalent data to CUT&RUN, and enables single-cell CUT&Tag.

CUT&Tag Assay Kit (#77552S)

~~\$1,055~~ **\$791**

24 assays

CUT&Tag Companion Products

DESCRIPTION	#CST	PROMOTIONAL PRICE*
Normal Rabbit IgG	2729S	\$106.50
CUT&Tag pAG-Tn5 (Loaded)	79561S - 100 µl	\$643.50
CUT&Tag Dual Index Primers and PCR Master Mix for Illumina Systems- Kit	47415S	\$688.50
Goat Anti-Rabbit IgG (H+L) Antibody	35401S - 100 µl	\$165
Normal Mouse IgG	68860L	\$153

DESCRIPTION	#CST	PROMOTIONAL PRICE*
Antibody Binding Buffer (CUT&RUN, CUT&Tag)	15338L - 5 ml	\$72
10X Wash Buffer (CUT&RUN, CUT&Tag)	31415S - 15 ml	\$36.80
Donkey Anti-Mouse IgG (H+L) Antibody	52885L - 100 µl	\$165
CUT&Tag PCR Master Mix	63228S - 840 µl	\$69

Cut&Tag validated antibodies are also on promotion

DESCRIPTION	#CST	PROMOTIONAL PRICE*
TCF4 (C48H11) Rabbit mAb	2569T - 20 µl	\$149.25
	2569S - 100 µl	\$350.99
CTCF (D31H2) XP® Rabbit mAb	3418T - 20 µl	\$162.75
	3418S - 100 µl	\$390.75
Di-Methyl-Histone H3 (Lys9) (D85B4) XP® Rabbit mAb	4658T - 20 µl	\$182.25
	4658S - 100 µl	\$453.75
Nanog (D73G4) XP® Rabbit mAb (ChIP Formulated)	5232S - 100 µl	\$390.75
Mono-Methyl-Histone H3 (Lys4) (D1A9) XP® Rabbit mAb	5326T - 20 µl	\$182.25
	5326S - 100 µl	\$453.75
Tri-Methyl-Histone H4 (Lys20) (D84D2) Rabbit mAb	5737S - 100 µl	\$414.75
	5851T - 20 µl	\$162.75
GATA-6 (D61E4) XP® Rabbit mAb	5851S - 100 µl	\$390.75
	5856S - 100 µl	\$350.99
Bmi1 (D20B7) XP® Rabbit mAb	6964T - 20 µl	\$162.75
	6964S - 100 µl	\$390.75
Acetyl-Histone H3 (Lys27) (D5E4) XP® Rabbit mAb	8173T - 20 µl	\$182.25
	8173S - 100 µl	\$453.75
Ubiquityl-Histone H2A (Lys119) (D27C4) XP® Rabbit mAb	8240T - 20 µl	\$182.25
	8240S - 100 µl	\$453.75
Acetyl-Histone H3 (Lys9) (C5B11) Rabbit mAb	9649T - 20 µl	\$168.75
	9649S - 100 µl	\$414.75
Di-Methyl-Histone H3 (Lys4) (C64G9) Rabbit mAb	9725T - 20 µl	\$168.75
	9725S - 100 µl	\$414.75
Tri-Methyl-Histone H3 (Lys27) (C36B11) Rabbit mAb	9733T - 20 µl	\$168.75
	9733S - 100 µl	\$414.75

DESCRIPTION	#CST	PROMOTIONAL PRICE*
Tri-Methyl-Histone H3 (Lys4) (C42D8) Rabbit mAb	9751T - 20 µl	\$168.75
	9751S - 100 µl	\$414.75
ATF-4 (D4B8) Rabbit mAb	11815S - 100 µl	\$350.99
SMARCC1/BAF155 (D7F8S) Rabbit mAb	11956S - 100 µl	\$350.99
Phospho-Rpb1 CTD (Ser2) (E1Z3G) Rabbit mAb	13499S - 100 µl	\$414.75
	13546S - 100 µl	\$414.75
JARID2 (D6M9X) Rabbit mAb	13594T - 20 µl	\$149.25
	13594S - 100 µl	\$350.99
Mono-Methyl-Histone H3 (Lys36) (D9J1D) Rabbit mAb	14111T - 20 µl	\$168.75
	14111S - 100 µl	\$414.75
MLL1 (D2M7U) Rabbit mAb (Amino-terminal Antigen)	14689S - 100 µl	\$350.99
CBX8 (D2O8C) Rabbit mAb	14696S - 100 µl	\$350.99
CBX2 (E3N6A) Rabbit mAb	25069S - 100 µl	\$350.99
DNMT3A (D2H4B) Rabbit mAb	32578S - 100 µl	\$350.99
Helios (D8W4X) XP® Rabbit mAb	42427T - 20 µl	\$162.75
	42427S - 100 µl	\$390.75
DNMT3B (E8A8A) XP® Rabbit mAb	57868T - 20 µl	\$162.75
	57868S - 100 µl	\$390.75
EED (E4L6E) XP® Rabbit mAb	85322T - 20 µl	\$162.75
	85322S - 100 µl	\$390.75
MITF (D3B4T) Rabbit mAb	97800S - 100 µl	\$350.99

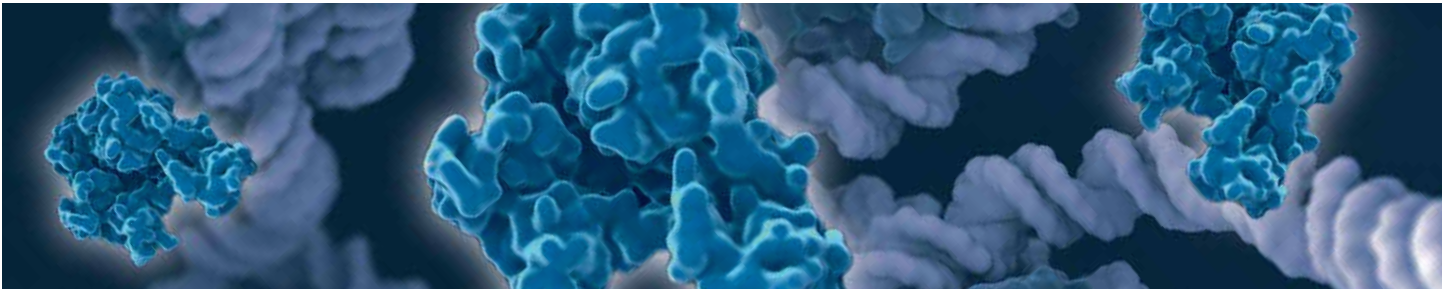
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Chromatin Profiling Just Got Faster with CUT&Tag!



Introducing CUT&Tag!

Cell Signaling Technology (CST) is expanding our chromatin profiling portfolio to include CUT&Tag. Enjoy the flexibility of choosing between our complete CUT&Tag Assay Kit or ordering just the reagents you need.

The Cleavage Under Targets & Tagmentation (CUT&Tag) is a faster, more cost-friendly alternative to ChIP-seq. Investigate protein-DNA interactions with fewer cells compared to ChIP-seq in less time than it takes for CUT&RUN.

Streamlined DNA Library Prep

CUT&Tag cuts out the *in vitro* adaptor ligation step, saving you precious time and allowing you to move directly to PCR amplification of your library. That allows you to go from cells to a DNA library 25% faster than CUT&RUN!

Enjoy the Benefits of CUT&Tag

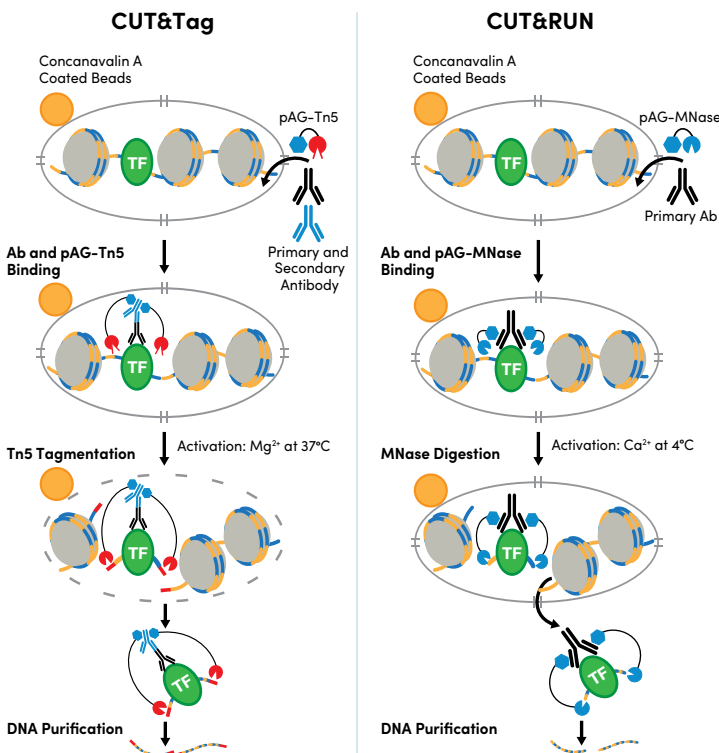
Faster time to results	1-2 days from cells to DNA library. CUT&Tag is 25% quicker than CUT&RUN due to streamlined library prep
Low sample requirement	~40x less sample than ChIP-Seq
Low sequencing depth = sequencing cost savings	Only ~2 million high-quality reads are required due to low background
<i>In vivo</i> method	Assays are performed using native chromatin, eliminating cross-linking artifacts

When to Use CUT&Tag vs CUT&RUN

Both CUT&Tag and CUT&RUN help you unravel protein-DNA interactions when you are short on time and/or sample. Use the table below to figure out which method is the right one for you.

	CUT&Tag	CUT&RUN
Compatible with Histones	✓	✓
Compatible with Transcription Factors	Depends	✓
Compatible with Cofactors	Depends	✓
Compatible with qPCR	X	✓
Compatible with NG-seq	✓	✓
DNA Library Prep	<i>In vivo</i>	<i>In vitro</i>
Cells to DNA Library	1-2 days	2-3 days
Low Cell	✓	✓
Single Cell Amenable	✓	X
Sequencing Depth	2 M	3-5 M

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