



Expires June 30th, 2024

CUT&Tag

from Cell Signaling Technology®

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 (#77552)

~~\$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	\$351
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	\$351
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	\$351
SMARCC1/BAF155 (D7F8S) Rabbit mAb	11956S - 100 µl	\$351
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	\$351
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	\$351
CBX8 (D2O8C) Rabbit mAb	14696S - 100 µl	\$351
CBX2 (E3N6A) Rabbit mAb	25069S - 100 µl	\$351
DNMT3A (D2H4B) Rabbit mAb	32578S - 100 µl	\$351
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	\$351

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

For more information visit: www.neb.ca/cst-cut-and-tag-24



*TERMS & CONDITIONS: Offer valid in Canada only. Expires June 30th, 2024. Discount is eligible for products listed on this flyer and can only be obtained through a quote or purchasing online at www.neb.ca. Promotion not valid for cash or cash equivalent towards purchase(s). No substitutions. Offer may not be applied to existing, pending or prior orders. Cannot be combined with any other promotion or discount.

Howard Cukier, Ph.D.
Regional Manager,
Ontario and Manitoba
Cell: (416) 527 2352
cukier@neb.com

Alexandre Rochette, Ph.D.
Territory manager, Eastern Canada
Cell: (514) 233-4557
rochette@neb.com

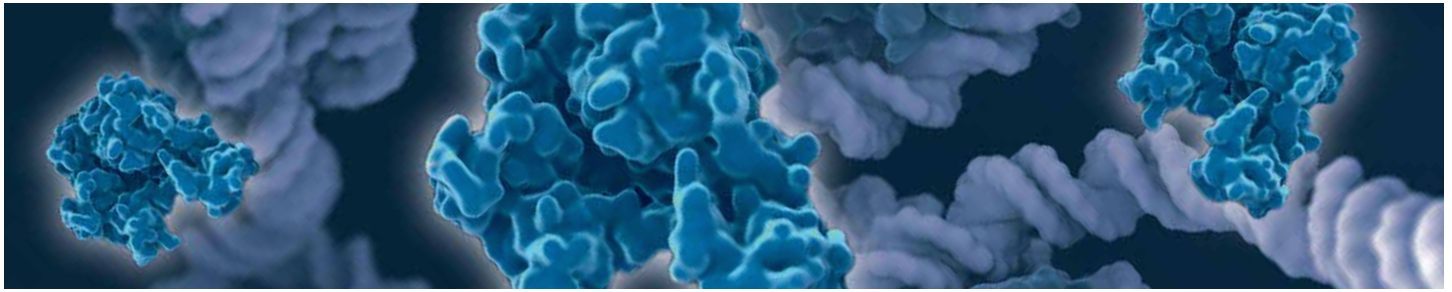
Julie Wong, Ph.D.
Territory Manager, Western Canada
Cell: (604) 767-5078
jwong@neb.com

Nicholas Prevedel, MSc.
Associate Field Sales Representative,
Ontario and Manitoba
Cell: (437) 431-8820
nprevedel@neb.com

Martin Chenal, Ph.D.
Associate Field Sales Representative,
Eastern Canada
Cell: (438) 466-2884
mchenal@neb.com

New England Biolabs Ltd. is the exclusive Canadian distributor for Cell Signaling Technology, Inc. New England Biolabs Ltd. Tel: 1-800-387-1095 | info.ca@neb.com | orders.ca@neb.com | www.neb.ca

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

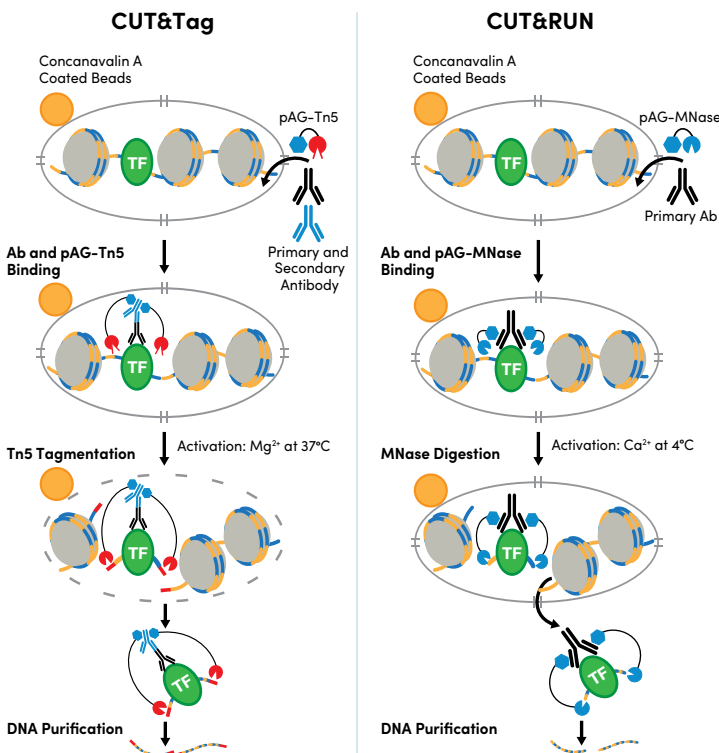
Faster time to results	1-2 days from cells to DNA library. CUT&Tag is 25% quicker than CUT&RUN due to streamlined library prep
Low sample requirement	~40x less sample than ChIP-Seq
Low sequencing depth = sequencing cost savings	Only ~2 million high-quality reads are required due to low background
<i>In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