

Kick-Start Your Epigenetics Research

Epigenetics is a fundamental biological process that contributes to many cellular mechanisms, such as regulation of gene expression, DNA replication and repair, and higher order nuclear organization, through modifications to DNA, RNA, histones, and other chromatin-associated proteins, rather than changes to the primary DNA, RNA, or amino acid sequences.

Active Motif offers a comprehensive toolbox to help scientists accomplish their experimental goals by enabling epigenetics research.

ATAC-SEQ KIT

Analyze open chromatin regions at genome-wide scale with ATAC-Seq. This assay can serve as a gateway to further, more detailed epigenetic analyses.

Product	Format	Cat. No.
ATAC-Seq Kit	16 rxns	53150

CUT&TAG-IT™ ASSAY KIT

Genome-wide analysis of histone marks at lower sequencing depths. CUT&Tag utilizes an antibody-based enzyme tethering strategy to target specific histone modifications to reveal site-specific chromatin-binding information.

Product	Format	Cat. No.
CUT&Tag-IT™ Assay Kit	16 rxns	53160

ANTIBODIES

- ✓ More than 240 ChIP validated antibodies available
- ✓ More than 130 ChIP-seq validated antibodies available
- ✓ Growing portfolio of **AbFlex®** recombinant antibodies

AbFlex Antibody	Cat. No.	AbFlex Antibody	Cat. No.
5-hmC	91309	H3K9ac	91103
m6A	91261	H3K4me3	91263
CTCF	91285	H3K27ac	91193
BRD4	91301		

CHROMATIN IMMUNOPRECIPITATION (ChIP) KITS AND PRODUCTS

ChIP can be technically challenging and yield results that are difficult to interpret. To tackle those challenges, Active Motif offers kits that help researchers overcome those problems.

Kit	Format	Cat. No.	ChIP-Seq Spike-in Normalization Products	Cat. No.
Low Cell ChIP-Seq Kit	16 rxns	53084	Spike-in Antibody	61686
ChIP-IT High Sensitivity®	16 rxns	53040	Spike-in Chromatin	53083

EPIGENETIC SERVICES

We have over a decade of experience providing ChIP Services and have antibody recommendations for 350 targets. Take advantage of our expertise to generate publication ready figures for you.

- ✓ **ChIP-Seq Service** ✓ **ATAC-Seq Service** ✓ **Single-Cell ATAC-Seq Service** ... and **more**.