

# 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

ATAC-Seq is a rapid assay that allows analysis of epigenetic profiles across the genome by identification of regions that have open or accessible chromatin states. Because of the assay's speed, simplicity, and applicability to a wide range of sample types, ATAC-Seq has become a commonly-used epigenetic assay, and it can serve as a gateway to further, more detailed epigenetic analyses.

Product	Format	Cat. No.
<b>ATAC-Seq Kit</b>	16 rxns	53150

## 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.
<b>5-hmC</b>	91903	<b>H3K9ac</b>	91103
<b>m6A</b>	91261	<b>H3K4me3</b>	91263
<b>CTCF</b>	91285	<b>H3K27ac</b>	91193
<b>BRD4</b>	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.
<b>Low Cell ChIP-Seq Kit</b>	16 rxns	53084	<b>Spike-in Antibody</b>	61686
<b>ChIP-IT High Sensitivity®</b>	16 rxns	53040	<b>Spike-in Chromatin</b>	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.**