CD Genomics
The Genomics Services Company

Chromatin Profiling

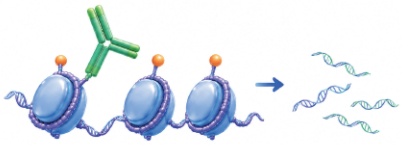
ChIP-seq | CUT&Tag | CUT&RUN

Select the right assay for your sample type, target class, and research goal.

Chromatin Profiling Services

ChIP-seq

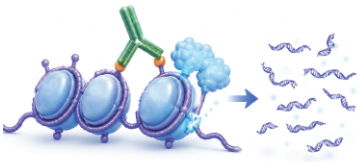
Reliable antibody-based chromatin profiling



- Histone marks & chromatin proteins
- Best for established workflows
- Peak calling & annotation

CUT&RUN

Low-background profiling for challenging targets



- Antibody-targeted MNase release
- High signal with lower input
- Ideal for TFs and chromatin proteins

CUT&Tag

Efficient tagmentation-based profiling

- pA-Tn5 direct tagmentation
- Low background, fast workflow
- Great for histone PTMs and low-input samples

Assay Comparison

Feature	ChIP-seq	CUT&RUN	CUT&Tag
Starting Material	Sheared chromatin	Cells or nuclei	Nuclei recommended
Typical Cell Input	>1 million	500,000	100,000
Recommended Targets	Histone PTMs & chromatin proteins	Histone PTMs, chromatin proteins, & remodelers	Histone PTMs
Sequencing Depth	>30 million reads	3–5 million reads	5–8 million reads
Signal-to-Noise	Low	High	High
Automation	Low	High	High

Why Work With CD Genomics

- Assay selection guidance
- Support for histone and TF studies
- Optimized library prep and sequencing
- Bioinformatics from QC to functional annotation
- Project support from design to final report