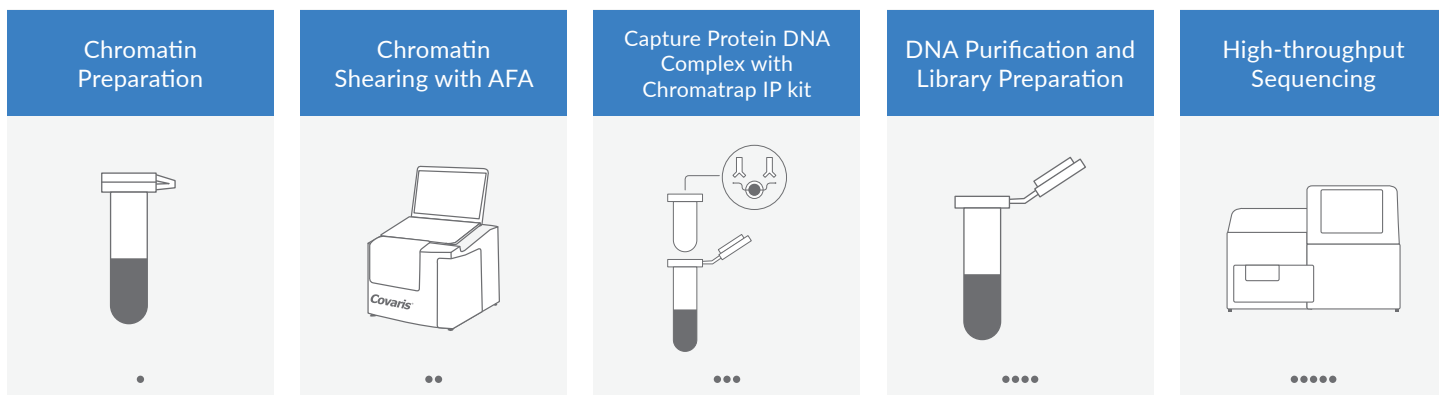


Rapidly Standardize and Scale Your ChIP Workflows

Covaris and Chromatrap® have partnered to offer a highly scaleable and simple ChIP workflow enabling investigators to easily isolate protein-DNA complexes for downstream applications, such as ChIP-Seq and ChIP-qPCR.

Pairing these two workflows provides unmatched flexibility, speed, a wide dynamic range of inputs, and easily automatable protocols.

Using the Covaris [Adaptive Focused Acoustics® \(AFA®\)](#) technology, you can gently isolate and shear chromatin for immunoprecipitation (IP) with the Chromatrap bead-free ChIP kits. Combining the two methods allows you to easily process up to 96 samples in a single day.



A Workflow That Provides More Information About Your Precious Samples

Preparing samples for ChIP is a multi-step, time-consuming, and error-prone workflow. Data interpretation is far too complicated due to poor quality sequencing. The Covaris sample preparation workflow combined with the bead-free Chromatrap IP system enables investigators to profile protein-DNA interactions of interests!

Current Needs

- Fool proof protocol
- Better reproducibility
- Faster and higher-throughput workflows
- Solutions to process precious clinical samples

Covaris Advantages

- Process 96 samples ready for IP
- Maintain protein-DNA interactions
- Simple workflow for all mammalian cells
- Process less than 100,000 cells
- Process low tissue masses (<15 mg)

Chromatrap Advantages

- IP up to 96 samples in a single day
- Target both abundant and rare epitopes
- Faster, easier, and more sensitive
- Bead-free method reduces non-specific binding

Covaris Products

Product Number	Product	Description
500295	M220 Focused-ultrasonicator	Single sample Focused-ultrasonicator capable of processing gDNA, cell lines, and tissues for NGS applications.
500506	ME220 Focused-ultrasonicator	Multi-sample (up to 8 samples/run) Focused-ultrasonicator capable of processing gDNA, cell lines, and tissues for NGS applications.
500569	LE220-plus Focused-ultrasonicator	Production-scale Focused-ultrasonicator that simultaneously processes 8 and up to 96 samples per run. This instrument is capable of processing gDNA, cell lines, and tissues for NGS applications.
520154	truChIP® Chromatin Shearing Kit	The truChIP kit contains all the buffers and reagents required to prepare up to 30M mammalian cells for chromatin shearing using a Covaris Focused-ultrasonicator.

Chromatrap Products

Product Number	Product	Description
500189	Chromatrap ChIP-Seq Protein A	Innovative bead-free ChIP reduces laborious manual handling steps while giving you the highest signal-to-noise ratio and sensitivity. Perform up to 24 ChIP assays in a single day. Kit includes purification reagents to elute high quality DNA, perfect for NGS library preparation.
500190	Chromatrap ChIP-Seq Protein G	
500214	Chromatrap HT ChIP-Seq Protein A	Chromatrap bead-free ChIP technology in plate format. Effortlessly perform up to 96 ChIP assays with unparalleled reproducibility, reliability and sensitivity. Complete kit includes clean-up plate for superior quality DNA purification, perfect for NGS library preparation.
500215	Chromatrap HT ChIP-Seq Protein G	

