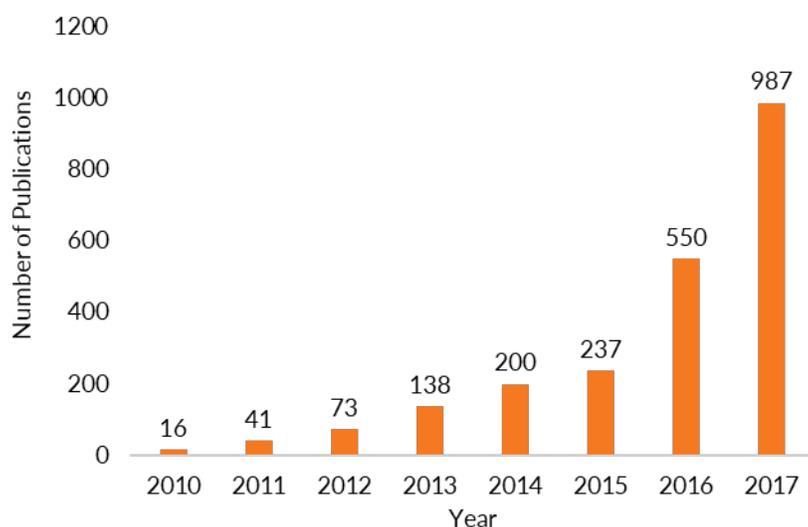


# truChIP® Chromatin Sample Preparation Solutions

## Genome-wide Profiling Done with Confidence

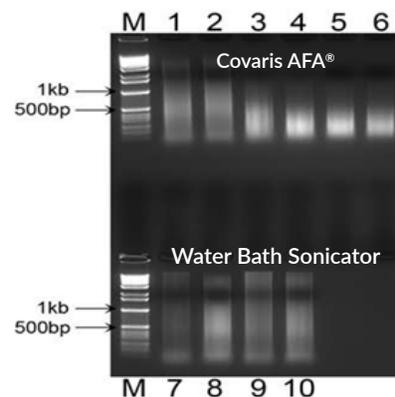
ChIP-Seq is a powerful sequencing technology that is used to study genome-wide protein-DNA interactions in vivo. The sample preparation procedure for ChIP-Seq is challenging due to a myriad of technical factors such as cell inputs, antibody quality, and the abundance of the targeted epitope. Covaris offers a simplified and reliable sample preparation workflows enabling investigators to confidently IP protein-bound DNA for sequencing.

ChIP Publication Counts for Covaris



"The sample preparation workflow for ChIP-Seq is very challenging. After using other methods that failed to work well, our laboratory decided to evaluate the Covaris workflow. We value the system for its efficient handling of small sample volumes and its high reproducibility."

- Rui Yi, PhD.  
Principal Investigator at The University of Colorado, Boulder



### Publish with Confidence

Covaris delivers the most consistent sample preparation workflow available allowing investigators to publish the highest quality data. A side-by-side comparison of 20 million raw 264.7 monocytes using AFA and traditional water bath sonication was performed.

#### truChIP Advantages for Cell Lines

Protein-DNA interactions maintained for IP

Optimized for use with all mammalian cells

Faster protocol and lower sample failure rates

#### truChIP Advantages for Tissues

Compatible with soft and hard tissue types

Simplified tissue ChIP workflow

Non-contact dry tissue pulverization

## Product Information

Part #	Product Name	Description
520156	truChIP Ultra-Low Chromatin Shearing Kit with Formaldehyde	Includes reagents required to run ultra-low cell (<100k) protocol. AFA processing tubes are sold separately.
520154	truChIP Chromatin Shearing Kit with Formaldehyde	Includes reagents required to run the chromatin shearing protocol to process up to 3M cells in the microTUBE and 30M cells in the milliTUBE. AFA processing tubes are sold separately.
520237	truChIP Chromatin Shearing Tissue Kit with Formaldehyde	Includes reagents required to process both low tissue mass inputs (20 to 50 mg in the microTUBE) and high tissue mass inputs (up to 120 mg in the milliTUBE). AFA processing tubes are sold separately.
500001	CP02 cryoPREP Pulverizer	Automatic tissue disruption tool to process fresh frozen tissue with masses in the range of 15 to 100 mg.
500230	CP01 cryoPREP Manual Pulverizer	Tissue disruption tool to process fresh frozen tissue with masses in the range of 15 mg to 1 g. For the CP01, only TT05 and TT01 tissue bags are required.
500497	CP02 Low and High Tissue Mass Starter Kit	Includes parts and accessories to process low (<50 mg to 1 g) and high (1 to 2 g) tissue samples for downstream applications including tissue ChIP.

## Workflow

