Enabling Epigenetics Research

CHIP KIT SELECTION GUIDE

What is your starting material?

Cultured Cells

- Sample Type: Cultured Cells
- Do you have a Chip-Validated Antibody? Yes/No
- Input Quantity Required: TFs: 50-100K Histones: 1-100K
- Shearing: Sonication
- Most Important Feature: Low Input Samples
- Recommended Kit: Low Cell Chip-Seq #53084

- Do you have a Chip-Validated Antibody? Yes
- Input Quantity Required: 100K+ 6M
- Shearing: Enzymatic
- Most Important Feature: Low Abundance Proteins/TFs
- Recommended Kit: Chip-IT High Sensitivity #53040

- Do you have a Chip-Validated Antibody? No
- Input Quantity Required: 1 Day Protocol
- Shearing: Sonication
- Most Important Feature: 1 Day Protocol
- Recommended Kit: Chip-IT Express Enzymatic #53009

Fresh/frozen tissue or FFPE / PBMCs

- Sample Type: Fresh/Frozen Tissue
- Input Quantity Required: TFs: 10-20 mg Histones: 0.2-10 mg
- Most Important Feature: Low Input Samples
- Recommended Kit: Low Cell Chip-Seq #53084

- Input Quantity Required: 100+ mg
- Most Important Feature: Low Abundance Proteins/TFs
- Recommended Kit: Chip-IT High Sensitivity #53040

- Input Quantity Required: 200 ng Chromatin
- Most Important Feature: 1 Day Protocol
- Recommended Kit: Chip-IT Express #53008

- Input Quantity Required: 10M Cells
- Most Important Feature: FFPE Compatibility
- Recommended Kit: Chip-IT FFPE #53047

- Input Quantity Required: PBMC Compatibility
- Most Important Feature: PBMC Compatibility
- Recommended Kit: Chip-IT PBMC #53042

*Enzymatic shearing is inherently biased. Sonication is the preferred shearing method, if possible.

For a complete list of available chip kits and accessories, please visit us online at www.activemotif.com/chip.