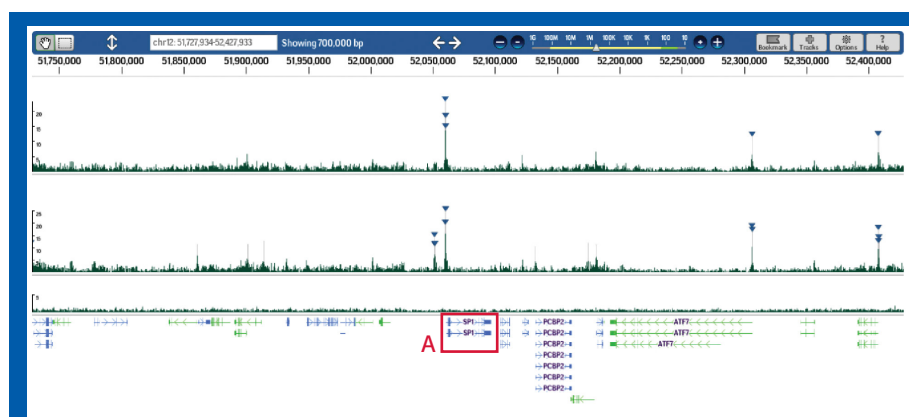


Magna ChIP-Seq™ Kit

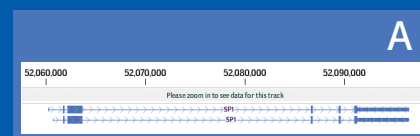
Chromatin Immunoprecipitation & Next Generation Sequencing Library Construction

Genome-wide mapping of DNA-protein interactions and epigenetic marks using chromatin immunoprecipitation combined with next generation sequencing (ChIP-Seq) is indispensable for many gene regulation studies. The Magna ChIP-Seq Kit simplifies this technique, enabling the performance of ChIP-Seq by virtually any laboratory.



Effective ChIP and Reliable Next Gen Sequencing Library Construction from Limited Amounts of DNA

Sequencing libraries were constructed using the Magna ChIP-Seq Kit (Catalogue No. 17-1010) and the ChIPAb+™ Sp1 antibody/primer set (Catalogue No. 17-601). Libraries were constructed using 1ng, 10ng or an input chromatin sample and sequenced using an Illumina Genome Analyzer. Peak analysis (derived using quantitative enrichment of sequence tags (QuEST)) of the Sp1 locus from confidently mapped reads browsed with DNAnexus™ software shows Sp1 binding (triangles) occurs near expected Sp1 binding sites.



Advantages

- Reliable ChIP-Seq library construction from as little as 1 ng of purified ChIP DNA
- Magna ChIP™ Protein A+G bead blend is compatible with a broader range of antibodies than A or G alone
- Flexible format allows construction of single end, paired end, or barcoded libraries
- Sufficient reagents for up to 10 next generation sequencing library constructions
- Expert support from our highly trained technical support scientists
- Quality-controlled, validated enzymes and buffers in convenient master mix streamline library construction
- Includes validated positive and negative control antibodies and a control primer set

ORDERING INFORMATION

Description	Quantity	Catalogue No.
Magna ChIP-Seq Chromatin Immunoprecipitation & Next Generation Sequencing Library Preparation Kit	1 kit	17-1010

Related Products:

ChIPAb+ ChIP-Validated Antibody/Primer Sets

Description	Catalogue No.
ChIPAb+ Phospho-Histone H3 (Ser10)	17-685
ChIPAb+ Trimethyl-Histone H3 (Lys4)	17-678
ChIPAb+ Acetyl-Histone H4 (Lys5)	17-10045
ChIPAb+ Trimethyl-Histone H3 (Lys9)	17-625
ChIPAb+ Trimethyl-Histone H3 (Lys27)	17-622
ChIPAb+ Acetyl-Histone H3 (Lys14)	17-10051
ChIPAb+ Dimethyl-Histone H3 (Lys27)	17-10108
ChIPAb+ Monomethyl-Histone H3 (Lys9)	17-680

New antibodies are always being added. For a complete list, visit www.millipore.com/epigenetics.

CONTACT US

In the U.S. and Canada, call toll-free 1 800-Millipore (1-800-645-5476).

In Europe, please call Customer Service:

France: 0825 045 645

Spain: 901 516 645 Option 1

Germany: 01805 045 645

Italy: 848 845 645

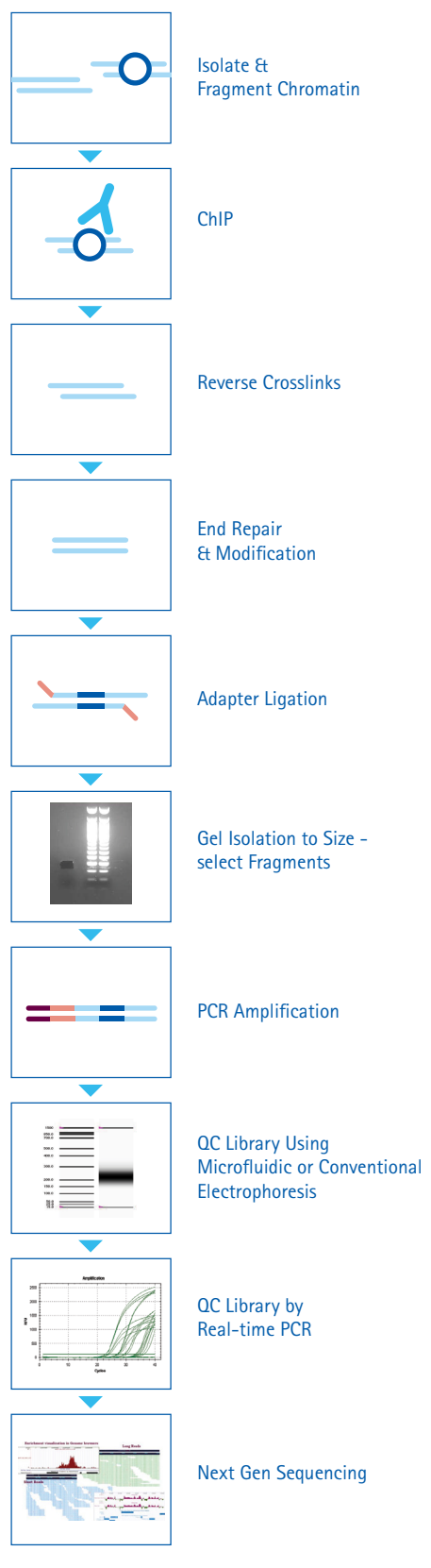
United Kingdom: 0870 900 4645

Alternative number for all countries: +44 (0) 115 943 0840

For other countries across Europe and the world, please visit www.millipore.com/offices.

For Technical Service, please visit www.millipore.com/techservice.

Magna ChIP-Seq Workflow...



www.merckmillipore.com

The M logo is a trademark of Merck KGaA, Darmstadt, Germany.

Magna ChIP-Seq, ChIP Ab+, and Magna ChIP are trademarks of Millipore Corporation.

Lit No. PB1001ENEU BS-GEN-11-04081 Printed in the USA. 2/2011 © 2011 Millipore Corporation. All rights reserved.