

# Product Datasheet

## Chromata CHIP Histone H3 [Monomethyl Lys9] CHIP Kit NBP1-71713

Unit Size: 25 Immunoprecipitations

Storage is content dependent.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-71713](http://www.novusbio.com/NBP1-71713)

Updated 5/24/2017 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-71713](http://www.novusbio.com/reviews/destination/NBP1-71713)



**NBP1-71713****Chromata ChIP Histone H3 [Monomethyl Lys9] ChIP Kit**

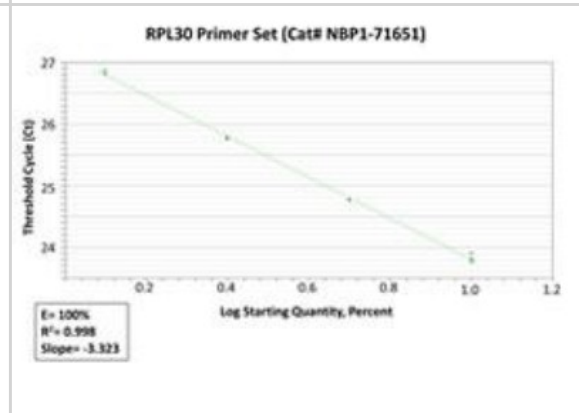
| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 25 Immunoprecipitations   |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.  |
| <b>Storage</b>                     | Storage is content dependent.   |
| <b>Buffer</b>                      | Dependent on kit component.   |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | This ChIP kit is specific for Histone H3 monomethyl Lysine 9, and contains all the necessary components to perform 25 Immunoprecipitation experiments and a positive control antibody (NB21-1023SS).  |
| <b>Specificity/Sensitivity</b>     | This ChIP kit is specific for Histone H3 monomethyl Lysine 9, and contains all the necessary components to perform 25 Immunoprecipitation experiments and a positive control antibody (NB21-1023SS).  |
| <b>Kit Components</b>              | 10x Glycine, IP Dilution Buffer, H3 K4Me3 Positive Control Antibody, Protein A/G Magnetic Beads, IP Wash Buffer 1, IP Wash Buffer 2, IP Wash Buffer 3, IP Wash Buffer 4, IP Elution Buffer, 5M NaCl, Proteinase K, Purification Columns, Purification Column Tubes, DNA Binding Buffer, DNA Wash Buffer, DNA Elution Buffer, Human RPL30 Positive Control Primer Pair |
| <b>Notes</b>                       | Click <a href="#">here</a> for detailed information on the ChromataChIP kit View the complete ChromatChIP Kit components and protocol <a href="#">here</a> . In addition, this kit comes with a full size vial of Monomethyl Lys9 antibody ( <a href="#">NB21-1071</a> ).   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Chromatin Immunoprecipitation   |
| <b>Recommended Dilutions</b>       | Chromatin Immunoprecipitation   |
| <b>Application Notes</b>           | This ChIP kit is a useful tool for Chromatin Immunoprecipitation.   |

## Images

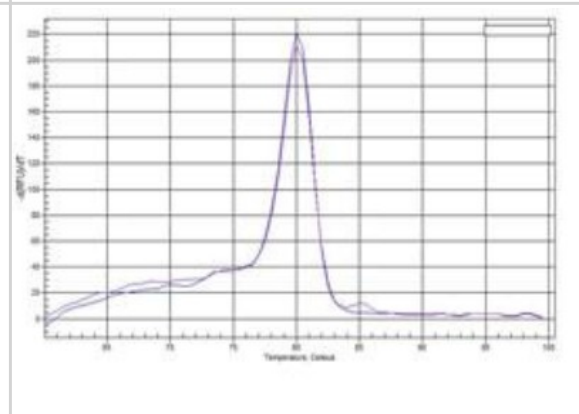
Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] Kit [NBP1-71713] - See notes for protocol information on ChromataChIP kits.



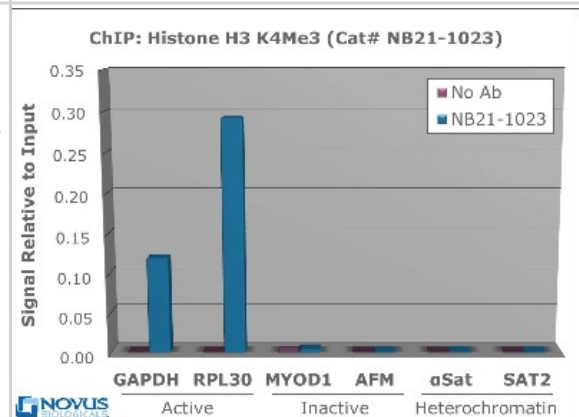
Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] Kit [NBP1-71713] - qRT-PCR standard curve generated from a serial dilution of sheared Hela chromatin.



Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] Kit [NBP1-71713] - PCR product melt curve of 1% chromatin immunoprecipitation input sample run in duplicate.



Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] Kit [NBP1-71713] - 2 ug of NB21-1023 was used to IP DNA from fixed Hela cells alongside a no antibody (No Ab) control. DNA was measured by qRT-PCR and normalized to total input (input=1).



## Publications

Paul B Noto, Yuri Bukhtiyarov, Meng Shi et al. Regulation of Sphingomyelin Phosphodiesterase, Acid-like 3A Gene (SMPDL3A) by Liver X Receptors. Molecular Pharmacology 2012 July 24 [PMID: 22810003] (ChIP)

Fishman J, Homon A, Lamsa E et al. The Complete Chemical Synthesis of Histones H3 and H4 Containing Epigenetic Modifications and Their Use in Characterizing Arginine Methylated Histone Antibodies. Poster presented at ASCB. 21st Century Biochemicals, Marlborough, MA 01752, Novus Biologicals, LLC, 8100 Southpark Way, Littleton, CO 80120.



### Novus Biologicals USA

8100 Southpark Way, A-8  
Littleton, CO 80120  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### Novus Biologicals Canada

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### Novus Biologicals Europe

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-71713](http://www.novusbio.com/reviews/submit/NBP1-71713)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)



