

Product Datasheet

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

Unit Size: 25 Immunoprecipitations

Storage of components varies. See protocol for specific instructions.

www.novusbio.com



technical@novusbio.com

Publications: 2

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

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-71713

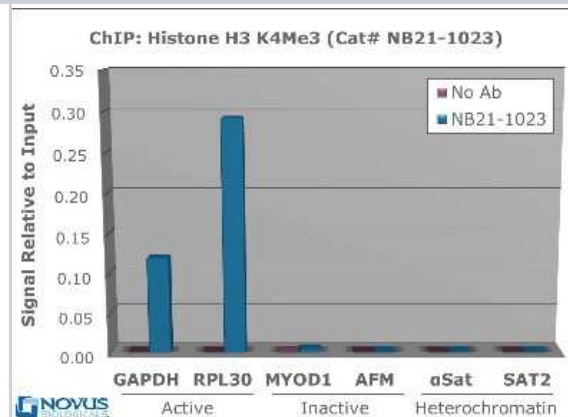


NBP1-71713**Chromata ChIP Histone H3 [Monomethyl Lys9] Kit (ChIP)**

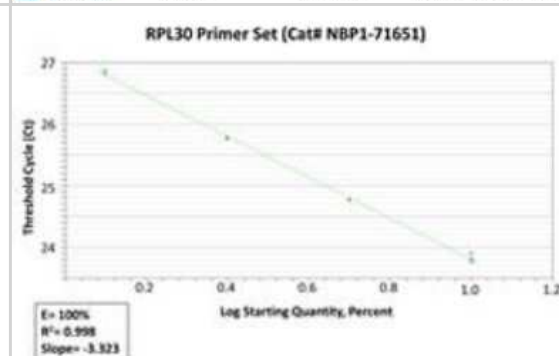
Product Information	
Unit Size	25 Immunoprecipitations
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	This ChIP kit is 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). This kit comes with a full size vial of Histone H3 Monomethyl Lys9 Antibody (NB21-1071).
Kit Components	10X Glycine (30 mL), IP Dilution Buffer (2 x 25 mL), Protein A/G Magnetic Beads (0.8 mL), IP Wash Buffer 1 (15 mL), IP Wash Buffer 2 (15 mL), IP Wash Buffer 3 (15 mL), IP Wash Buffer 4 (15 mL), IP Elution Buffer (7 mL), Purification Columns (30 EA), Proteinase K (0.06 mL), DNA Binding Buffer (18 mL), DNA Wash Buffer (5 mL - add 20 mL EtOH), DNA Elution Buffer (2 mL), H3 Monomethyl Lys9 Antibody (0.05 mg) - NB21-1071, H3 K4Me3 Positive Control Antibody (0.025 mg) - NB21-1023SS, Human RPL30 Positive Control Primer Pair at 10 uM (0.5 mL) - NBP1-71651, Human AFM Negative Control Primer Pair at 10 uM (0.5 mL) - NBP171653
Product Application Details	
Applications	Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Chromatin Immunoprecipitation (ChIP)

Images

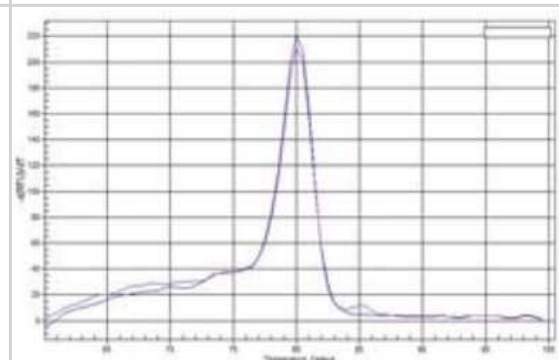
Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] ChIP Kit [NBP1-71713] - 2 ug of NB21-1023 was used to IP DNA from fixed HeLa cells along side a no antibody (No Ab) control. DNA was measured by qRT-PCR and normalized to total input (input=1).



Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] ChIP Kit [NBP1-71713] - 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.



Publications

Noto PB, Bukhtiyarov Y, Meng S et al. Regulation of Sphingomyelin Phosphodiesterase, Acid-like 3A Gene (SMPDL3A) by Liver X Receptors Mol Pharmacol 2012-07-24 [PMID: 22810003] (Chemotaxis)

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

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

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.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-71713

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

