

Product Datasheet

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

Unit Size: 25 Immunoprecipitations

Storage is content dependent.

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

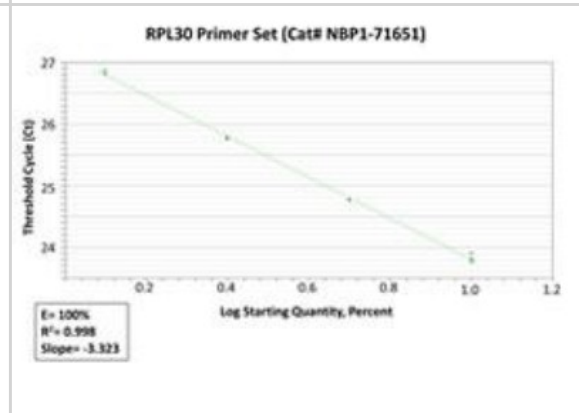
Product Information	
Unit Size	25 Immunoprecipitations
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage is content dependent.
Buffer	Dependent on kit component.
Product Description	
Description	This ChIP kit is specific for Histone H3 monomethyl Lysine 9, and contains all the necessary components to perform 25 Immunoprecipitation experiments and a positive control antibody (NB21-1023SS).
Specificity/Sensitivity	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).
Kit Components	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
Notes	<p>Click here for detailed information on the ChromataChIP kit View the complete ChromatChIP Kit components and protocol here.</p> <p>In addition, this kit comes with a full size vial of Monomethyl Lys9 antibody (NB21-1071).</p>
Product Application Details	
Applications	Chromatin Immunoprecipitation
Recommended Dilutions	Chromatin Immunoprecipitation
Application Notes	This ChIP kit is a useful tool for Chromatin Immunoprecipitation.

Images

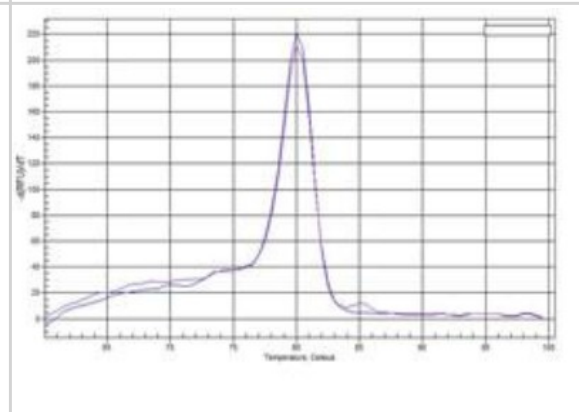
Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] Kit [NBP1-71713] - See notes for protocol information on ChromataChIP kits.



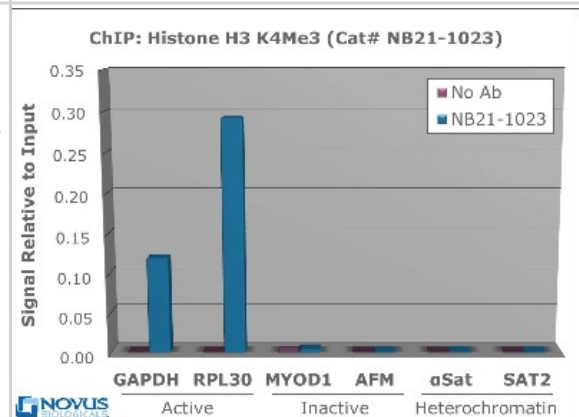
Chromatin Immunoprecipitation: Chromata ChIP Histone H3 [Monomethyl Lys9] Kit [NBP1-71713] - qRT-PCR standard curve generated from a serial dilution of sheared Hela chromatin.



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.



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