

Product Datasheet

Histone Nucleosome Core ELISA Kit (Colorimetric) KA1091

Unit Size: 1 Kit

Store at 4C.

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KA1091**Histone Nucleosome Core ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C.
Product Description	
Description	Nucleosome Ab ELISA Kit is an indirect solid phase ELISA for the quantitative measurement of IgG class autoantibodies against Nucleosomes in human serum or plasma.
Kit Components	Divisible microplate Consisting of 12 modules of 8 wells each. Ready to use., Calibrators A-F (0; 12.5; 25; 50; 100, 200 U/ml), containing serum/ buffer matrix (PBS, BSA, detergent, NaN ₃ 0.09%), yellow. Ready to use., Control positive (1) and negative (2), containing nucleosome antibodies in a serum/buffer matrix (PBS, BSA, detergent, NaN ₃ 0.09%), yellow. Ready to use. The concentration is specified on the certificate of analysis., Sample buffer PD, containing PBS, BSA, detergent, preservative NaN ₃ 0.09%, yellow, 5x conc., Enzyme conjugate containing anti-human IgG antibodies, HRP labeled; PBS, BSA, detergent, preservative ProClin 300 0.05%, light red. Ready to use., TMB substrate; containing 3,3', 5,5'-Tetramethylbenzidin, colorless. Ready to use., Stop solution; contains acid. Ready to use., Wash solution, containing Tris, detergent, preservative NaN ₃ 0.09%; 50x conc.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	12.5 to 200 U/mL
Sensitivity	0.5 U/mL
Inter Assay	CV% < 5.2-12.4%
Intra Assay	CV% < 3.1-6.4%
Assay Type	Indirect ELISA
Suitable Sample Type	Plasma, Serum
Sample Volume	100 uL (prediluted)
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Publications

Yadav R, Yoo DG, Kahlenberg JM et al. Systemic levels of anti-PAD4 autoantibodies correlate with airway obstruction in cystic fibrosis. J Cyst Fibros. 2019-03-07 [PMID: 30638826]

Koupenova M, Corkrey HA, Vitseva O et al. The role of platelets in mediating a response to human influenza infection. Nat Commun. 2018-09-01 [PMID: 30992428] (ELISA)

Details:

Citation using the Azide Free form of this antibody.

Yang Y, Wang Y, Zhao M et al. Tormentic acid inhibits IL-1beta-induced chondrocyte apoptosis by activating the PI3K/Akt signaling pathway. Mol Med Rep 2018-03-01 [PMID: 29328385] (ELISA)





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. ELISA Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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