

Product Datasheet

Human BMP-2 ELISA Kit (Colorimetric) KA0540

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0540**Human BMP-2 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 short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Product Description	
Description	BMP2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human BMP2.
Gene ID	650
Gene Symbol	BMP2
Species	Human
Kit Components	Antibody coated microwells, Lyophilized recombinant Human BMP2 standard, Sample diluent buffer:, Biotinylated anti- Human BMP2 antibody, Antibody diluent buffer, Avidin-Biotin-Peroxidase Complex (ABC), ABC diluent buffer, TMB color developing agent, TMB stop solution
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	31.2 to 2000 pg/mL
Sensitivity	<2 pg/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Bone Tissue, Cell Culture Supernatant, Serum
Sample Volume	100 uL

Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Publications

Boke F, Labude N, Lauria I et al. Biological Activation of Bioinert Medical High Performance Oxide Ceramics by Hydrolytically Stable Immobilization of c(RGDyK) and BMP-2. ACS Appl Mater Interfaces 2018-11-05 [PMID: 30280884]

Rao VV, Loffler C, Wozney JM, Hansmann I. The gene for bone morphogenetic protein 2A (BMP2A) is localized to human chromosome 20p12 by radioactive and nonradioactive in situ hybridization. Hum Genet. 1992-11-01 [PMID: 1487246]

Cheng H, Jiang W, Phillips FM et al. Osteogenic activity of the fourteen types of human bone morphogenetic proteins (BMPs). J Bone Joint Surg Am. 2003-08-01 [PMID: 12925636]

Hallahan AR, Pritchard JI, Chandraratna RA et al. BMP-2 mediates retinoid-induced apoptosis in medulloblastoma cells through a paracrine effect. Nat Med. 2003-08-01 [PMID: 12872164]





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.

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