

Bmp2 (Rat) ELISA Kit

Catalog # KA0541

Size 1 Kit

Specification

Product Description	Bmp2 (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Bmp2.
Suitable Sample	Bone Tissue, Cell Culture Supernatants and Serum
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — Bmp2

Entrez GeneID	29373
Gene Name	Bmp2
Gene Alias	-

Gene Description	bone morphogenetic protein 2
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Adenoviral mediated mono delivery of BMP2 is superior to the combined delivery of BMP2 and VEGFA in bone regeneration in a critical-sized rat calvarial bone defect.](#)

Sharma S, Xue Y, Xing Z, Yassin MA, Sun Y, Lorens JB, Finne-Wistrand A, Sapkota D, Mustafa K.

Bone Reports 2019 Apr; 10:100205.

Application: Quant, Rat, Rat bone marrow stromal cells

- [Muscle as an osteoinductive niche for local bone formation with the use of a biphasic calcium sulphate/hydroxyapatite biomaterial.](#)

Raina DB, Gupta A, Petersen MM, Hettwer W, McNally M, Tägil M, Zheng MH, Kumar A, Lidgren L.

Bone & Joint Research 2016 Oct; 5(10):500.

Application: Quant, Rat, ROS 17/2.8 bone cells

- [Osteogenic activity of the fourteen types of human bone morphogenetic proteins \(BMPs\).](#)

Cheng H, Jiang W, Phillips FM, Haydon RC, Peng Y, Zhou L, Luu HH, An N, Breyer B, Vanichakarn P, Szatkowski JP, Park JY, He TC.

The Journal of Bone and Joint Surgery. American Volume 2003 Aug; 85-A(8):1544.

- [BMP-2 mediates retinoid-induced apoptosis in medulloblastoma cells through a paracrine effect.](#)

Hallahan AR, Pritchard JI, Chandraratna RA, Ellenbogen RG, Geyer JR, Overland RP, Strand AD, Tapscott SJ, Olson JM.

Nature Medicine 2003 Aug; 9(8):1033.

- [The gene for bone morphogenetic protein 2A \(BMP2A\) is localized to human chromosome 20p12 by radioactive and nonradioactive in situ hybridization.](#)

Rao VV, Loffler C, Wozney JM, Hansmann I.

Human Genetics 1992 Nov; 90(3):299.