

Bmp2 (Mouse) ELISA Kit

Catalog # KA0542

Size 1 Kit

Specification

Product Description	Bmp2 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Bmp2.
Suitable Sample	Cell Culture Supernatant, Bone Tissue, Serum
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Mouse
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	12156
Gene Name	Bmp2
Gene Alias	AI467020, Bmp2a

Gene Description	bone morphogenetic protein 2
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000016666

Publication Reference

- [Effects of material nano-topography on the angiogenesis of type H vessels: Size dependence, cell heterogeneity and intercellular communication.](#)

Xiaofan Hu, Yumeng Xue, Daming Liu, Jianming Zhang, Tianji Wang, Zixiang Wu, Wei Lei.

Biomaterials Advances 2023 Apr; 147:213307.

Application: ELISA, Quant, Mouse, Mouse bone-specific endothelial cells, Mouse pre-osteoblasts

- [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.