

Bovine BMP-2-inducible protein kinase (BMP2K) ELISA Kit | BMP2K elisa kit

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CATALOG # AAA244293	REACTIVITY Bovine
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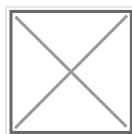
PRODUCT SYNONYMS

BMP-2-inducible protein kinase (BMP2K); Bovine BMP-2-inducible protein kinase (BMP2K) ELISA Kit; BMP2K elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP2K elisa kit	Intended Uses: This BMP2K ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine BMP2K. This ELISA kit for research use only! Principle of the Assay BMP2K ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-BMP2K antibody and an BMP2K-HRP conjugate. The assay sample and buffer are incubated together with BMP2K-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BMP2K concentration since BMP2K from samples and BMP2K-HRP conjugate compete for the anti-BMP2K antibody binding site. Since the number of sites is limited, as more sites are occupied by BMP2K from the sample, fewer sites are left to bind BMP2K-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP2K concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BMP2K elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	38787935
NCBI GeneID	55589

NCBI Accession #	NP_942595.1
NCBI GenBank Nucleotide #	NM_198892.1
Molecular Weight	75,812 Da
NCBI Official Full Name	BMP-2-inducible protein kinase isoform a
NCBI Official Synonym Full Names	BMP2 inducible kinase
NCBI Official Symbol	BMP2K
NCBI Official Synonym Symbols	BIKE; HRIHFB2017
NCBI Protein Information	BMP-2-inducible protein kinase
UniProt Protein Name	BMP-2-inducible protein kinase
UniProt Gene Name	BMP2K
UniProt Synonym Gene Names	BIKE; HRIHFB2017; BIKe
UniProt Entry Name	BMP2K_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/bmp-2-inducible-protein-kinase-bmp2k/244293>