

Canine Bone morphogenetic protein 2 (BMP-2) ELISA Kit | BMP-2 elisa kit

Canine Bone morphogenetic protein 2 (BMP-2) ELISA Kit

CATALOG #
AAA122395

REACTIVITY
Canine

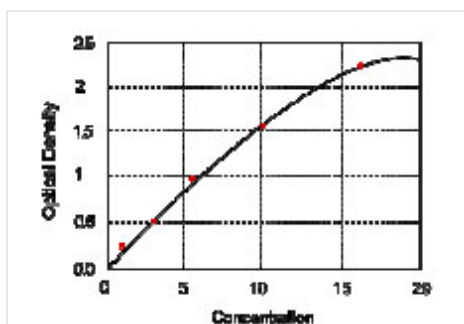
PRODUCT SYNONYMS

Bone morphogenetic protein 2 (BMP-2); Canine Bone morphogenetic protein 2 (BMP-2) ELISA Kit; BMP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	393
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L - 600ng/L
Sensitivity	1.17ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP-2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Bone Morphogenetic Protein 2 (also known as BMP-2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine BMP-2 antibody. BMP-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine BMP-2 Antibody is added and binds to BMP-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP-2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine BMP-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8392990
NCBI GeneID	29373
NCBI Accession #	NP_058874.1
NCBI GenBank Nucleotide #	NM_017178.1
UniProt Accession #	P49001
Molecular Weight	44,383 Da
NCBI Official Full Name	bone morphogenetic protein 2
NCBI Official Synonym Full Names	bone morphogenetic protein 2
NCBI Official Symbol	Bmp2
NCBI Protein Information	bone morphogenetic protein 2
UniProt Protein Name	Bone morphogenetic protein 2
UniProt Gene Name	Bmp2
UniProt Synonym Gene Names	Bmp-2; BMP-2; BMP-2A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/bone-morphogenetic-protein-2-bmp-2/122395>