

Mouse BMP-10 ELISA Kit | BMP-10 elisa kit

Mouse BMP-10 PicoKine ELISA Kit

CATALOG #
AAA125053

REACTIVITY
Mouse

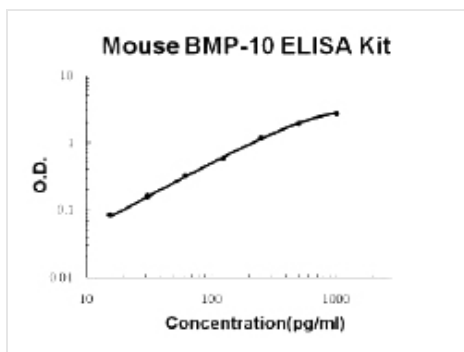
PRODUCT SYNONYMS

BMP-10; Mouse BMP-10 PicoKine ELISA Kit; Mouse BMP-10; BMP-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse BMP-10
Sequence Length	424
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
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP-10 elisa kit	Principle of the Assay: The Picokine Monkey THBS1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Monkey THBS1 with a 96-well strip plate that is pre-coated with antibody specific for THBS1. The detection antibody is a biotinylated antibody specific for THBS1. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Monkey THBS1 with immunogen: Expression system for standard: NSO; Immunogen sequence: N19-P1170. The kit is analytically validated with ready to use reagents. To measure Monkey THBS1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Monkey THBS1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Monkey THBS1 in the sample!!Background/Introduction: Thrombospondin 1, also known as THBS1, is a protein that in humans is encoded by the THBS1 gene. Thrombospondin 1 is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. By in situ hybridization, the THBS1 gene was mapped to monkey primate 15q15 and the cognate gene to monkey primate chromosome 2(region F) and was localized to 15q11-qter by Southern analysis of human-rodent somatic cell hybrids. Thrombospondin I is a multimodular secreted protein that associates with the extracellular matrix and possesses a variety of biologic functions, including a potent antiangiogenic activity. Other thrombospondin genes include thrombospondins II, III, and IV.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7656928
NCBI GeneID	27302
NCBI Accession #	NP_055297.1
NCBI GenBank Nucleotide #	NM_014482.3
UniProt Accession #	O95393
NCBI Official Full Name	bone morphogenetic protein 10 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 10
NCBI Official Symbol	BMP10
NCBI Protein Information	bone morphogenetic protein 10

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/mouse-elisa-kits/bmp-10/125053>