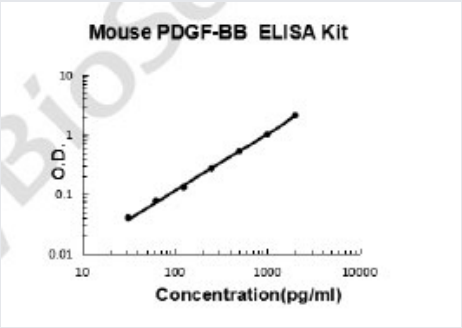
PDGF-Bb ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	PDGF-BB, ELISA Kit
Full Product Name	Mouse PDGF-BB PicoKine ELISA Kit
Product Gene Name	PDGF-BB elisa kit
Product Synonym Names	Mouse PDGF-BB
Species Reactivity	Mouse
Samples	Cell Culture Supernates And Cell Lysates
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Specificity	Natural and recombinant Mouse Ntrk3
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
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
Production Time	Due to severe delay and raw materials shortage, production time may takes between 5-8 weeks.
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for PDGF-BB elisa kit	Principle of the Assay: The Picokine Mouse Ntrk3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Ntrk3 with a 96-well strip plate that is pre-coated with antibody specific for Ntrk3. The detection antibody is a biotinylated antibody specific for Ntrk3. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Ntrk3 with immunogen: Expression system for standard: NSO, Immunogen sequence: C32-T429. The kit is analytically validated with ready to use reagents. To measure Mouse Ntrk3, 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 Mouse Ntrk3 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 Mouse Ntrk3 in the sample!!Background/Introduction: NTRK3 (Neurotrophic Tyrosine Kinase Receptor Type 3), also known as TRKC, is a protein that in humans is encoded by the NTRK3 gene. By PCR analysis of a somatic cell hybrid panel and by fluorescence in situ hybridization with the cDNA clone, it mapped the NTRK3 gene to 15q24-q25. TRKC, a member of the TRK family of tyrosine protein kinase genes. They found that TRKC is preferentially expressed in the brain; in situ hybridization studies showed transcripts in the hippocampus, cerebral cortex, and the granular cell layer of the cerebellum. By functional studies in HeLa cells, 5 miRNAs regulate the truncated form of NTRK3.
Other Notes	Small volumes of PDGF-BB elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PDGF-BB purchase	MBS1751602 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the PDGF-BB, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing PDGF-BB. The ELISA analytical biochemical technique of the MBS1751602 kit is based on PDGF-BB antibody-PDGF-BB antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PDGF-BB antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, PDGF-BB. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of PDGF-BB elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/mouse-elisa-kits/pdgf-bb/1751602