

Mouse TNFRSF12A/TWEAKR ELISA Kit | TNFRSF12A/TWEAKR elisa kit

Mouse TNFRSF12A/TWEAKR PicoKine ELISA Kit

CATALOG #
AAA125045

REACTIVITY
Mouse

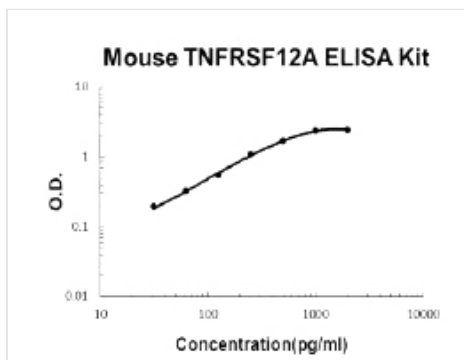
PRODUCT SYNONYMS

TNFRSF12A/TWEAKR; Mouse TNFRSF12A/TWEAKR PicoKine ELISA Kit; Mouse TNFRSF12A/TWEAKR; TNFRSF12A/TWEAKR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse TNFRSF11B
Sequence Length	129
Samples	Cell Culture Supernates, Serum And Plasma(Edta)
Detection Range	<5pg/ml
Sensitivity	93.7pg/ml-6000pg/ml
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 across 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 TNFRSF12A/TWEAKR elisa kit	Principle of the Assay: The Picokine Mouse TNFRSF11B Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse TNFRSF11B with a 96-well strip plate that is pre-coated with antibody specific for TNFRSF11B. The detection antibody is a biotinylated antibody specific for TNFRSF11B. The capture antibody is monoclonal antibody from rat, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Mouse TNFRSF11B with immunogen: Expression system for standard: NSO; Immunogen sequence: E22-L401. The kit is analytically validated with ready to use reagents. To measure Mouse TNFRSF11B, 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 proportional to Mouse TNFRSF11B 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 TNFRSF11B in the sample!!Background/Introduction: Osteoprotegerin(OPG) is identical to osteoclastogenesis inhibitory factor(OCIF), a soluble member of the tumor-necrosis factor receptor family that inhibits osteoclastogenesis. OPG is considered to play an important role in the regulation of bone resorption by modifying osteoclast differentiation. Osteoprotegerin is an independent risk factor for the progression of atherosclerosis and onset of cardiovascular disease. It can act as a soluble factor in the regulation of bone mass and imply a utility for OPG in the treatment of osteoporosis associated with increased osteoclast activity. OPG system may play a critical role in the development of osteolytic bone disease in multiple myeloma and that targeting this system may have therapeutic potential. OPG also plays a role in the vascular system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7706186
NCBI GeneID	51330
NCBI Accession #	NP_057723.1
NCBI GenBank Nucleotide #	NM_016639.2
UniProt Accession #	Q9NP84
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 12A
NCBI Official Synonym Full Names	TNF receptor superfamily member 12A
NCBI Official Symbol	TNFRSF12A
NCBI Official Synonym Symbols	FN14; CD266; TWEAKR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 12A

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/tnfrsf12a-tweakr/125045>