

Mouse Plet1 (Placenta-expressed transcript 1 protein) ELISA Kit | Plet1 elisa kit

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CATALOG #
AAA27571

REACTIVITY
Mouse

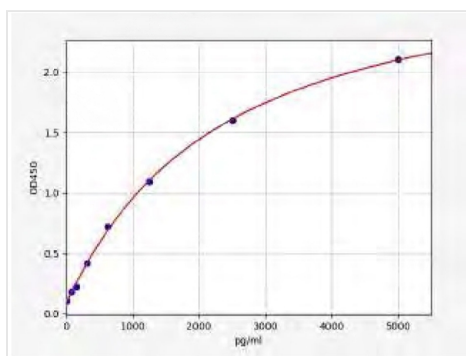
PRODUCT SYNONYMS

Plet1 (Placenta-expressed transcript 1 protein); Mouse Plet1 (Placenta-expressed transcript 1 protein) ELISA Kit; Placenta-expressed transcript 1 protein; Plet1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize Plet1, no obvious cross reaction with other analogues
Sequence Length	207
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Plet1 elisa kit	Background: PLET-1 (placenta-expressed transcript 1), also known as antigen mAgK114, is a 23 kDa membrane protein that is probably GPI-anchored. PLET1 protein orchestrates leading keratinocyte migration and enhances cellular adhesion to matrix proteins, crucial for wound healing. Its role extends to promoting efficient wound repair, emphasizing its significance in tissue regeneration. Additionally, PLET1 may influence trichilemmal differentiation in the hair follicle, indicating a broader impact on skin biology and homeostasis. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti Plet1 antibody was precoated onto the 96-well plate. The biotin conjugated anti Plet1 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with Plet1 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of Plet1 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222537734
NCBI GeneID	349633
NCBI Accession #	NP_001138496.1
NCBI GenBank Nucleotide #	NM_001145024.1
UniProt Accession #	Q6UQ28; Q6UQ24; Q6UQ25; Q6UQ27
Molecular Weight	23,385 Da
NCBI Official Full Name	placenta-expressed transcript 1 protein
NCBI Official Synonym Full Names	placenta expressed transcript 1
NCBI Official Symbol	PLET1
NCBI Official Synonym Symbols	C11orf34
NCBI Protein Information	placenta-expressed transcript 1 protein
UniProt Protein Name	Placenta-expressed transcript 1 protein
UniProt Gene Name	PLET1
UniProt Synonym Gene Names	C11orf34

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://www.aaabiotech.com/mouse-elisa-kits/plet1-placenta-expressed-transcript-1-protein/27571>