

Mouse Aminopeptidase O ELISA Kit | Ao pep elisa kit

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CATALOG #
AAA56344

REACTIVITY
Mouse

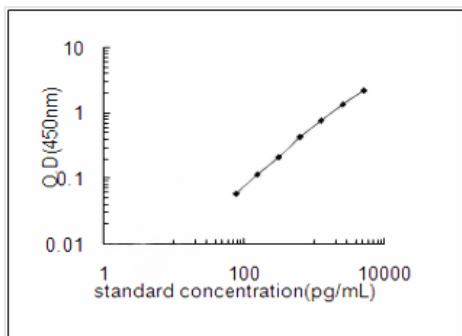
PRODUCT SYNONYMS

Aminopeptidase O; Mouse Aminopeptidase O ELISA Kit; Ao pep elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse AP-O. No significant cross-reactivity or interference was observed.
Sequence Length	819
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	40.1 pg/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.4%
Recovery	95%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ao pep elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AP-O. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for AP-O and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain AP-O, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of AP-O in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	583966095
NCBI GeneID	72061
NCBI Accession #	NP_001276853.1
NCBI GenBank Nucleotide #	NM_001289924.1
UniProt Accession #	Q8BXQ6; Q6P0W6; Q6P394; Q8BHX5
Molecular Weight	52,774 Da
NCBI Official Full Name	aminopeptidase O
NCBI Official Synonym Full Names	RIKEN cDNA 2010111I01 gene
NCBI Official Symbol	2010111I01Rik
NCBI Official Synonym Symbols	AP-O; Ao pep; mir-23b; mir-27b; mir-24-1; 2300006M17Rik
NCBI Protein Information	aminopeptidase O
UniProt Protein Name	Aminopeptidase O
UniProt Gene Name	Ao pep
UniProt Synonym Gene Names	On pep; AP-O
UniProt Entry Name	AMPO_MOUSE

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/ao pep-mouse-elisa-kits/aminopeptidase-o/56344>