

Human Aminopeptidase O ELISA Kit | AOPEP elisa kit

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CATALOG #
AAA99488

REACTIVITY
Human

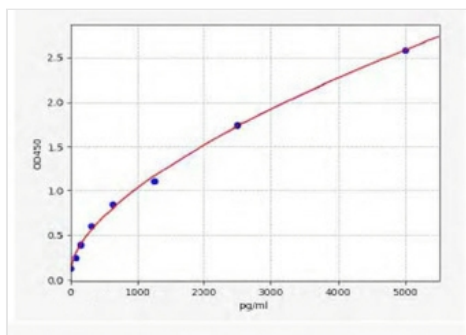
PRODUCT SYNONYMS

Aminopeptidase O; Human Aminopeptidase O ELISA Kit; AOPEP/Aminopeptidase O/AP-O; AOPEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AOPEP. No significant cross-reactivity or interference between AOPEP and analogues was observed.
Sequence Length	819
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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 AOPEP elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300934738
NCBI GeneID	84909
NCBI Accession #	NP_001180258.1
NCBI GenBank Nucleotide #	NM_001193329.1
Molecular Weight	77,937 Da
NCBI Official Full Name	aminopeptidase O isoform 1
NCBI Official Synonym Full Names	chromosome 9 open reading frame 3
NCBI Official Symbol	C9orf3
NCBI Official Synonym Symbols	APO; AP-O; AOPEP; ONPEP; C9ORF3
NCBI Protein Information	aminopeptidase O
UniProt Protein Name	Aminopeptidase O
UniProt Gene Name	AOPEP
UniProt Synonym Gene Names	C9orf3; ONPEP; AP-O
UniProt Entry Name	AMPO_HUMAN

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.