

Human Thimet oligopeptidase ELISA Kit | THOP1 elisa kit

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CATALOG #
AAA100024

REACTIVITY
Human

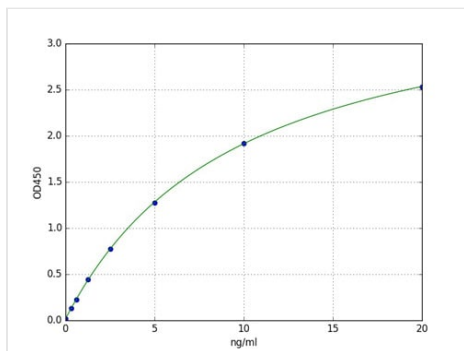
PRODUCT SYNONYMS

Thimet oligopeptidase; Human Thimet oligopeptidase ELISA Kit; THOP1/Thimet oligopeptidase; THOP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	689
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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)

Results of a typical standard run of a Human THOP1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.053	0.116	0.172	0.277	0.485	0.898	1.529	2.074

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THOP1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human THOP1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human THOP1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human THOP1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human THOP1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4507491

NCBI GeneID	7064
NCBI Accession #	NP_003240.1
NCBI GenBank Nucleotide #	NM_003249.4
Molecular Weight	28,908 Da
NCBI Official Full Name	thimet oligopeptidase
NCBI Official Synonym Full Names	thimet oligopeptidase 1
NCBI Official Symbol	THOP1
NCBI Official Synonym Symbols	TOP; MP78; EP24.15; MEPD_HUMAN
NCBI Protein Information	thimet oligopeptidase
UniProt Protein Name	Thimet oligopeptidase
UniProt Gene Name	THOP1
UniProt Entry Name	THOP1_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.

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Online datasheet: <https://www.aaabiotech.com/thop1-human-elisa-kits/thimet-oligopeptidase/100024>