

Human Meprin A subunit beta ELISA Kit | MEP1B elisa kit

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CATALOG #
AAA98768

REACTIVITY
Human

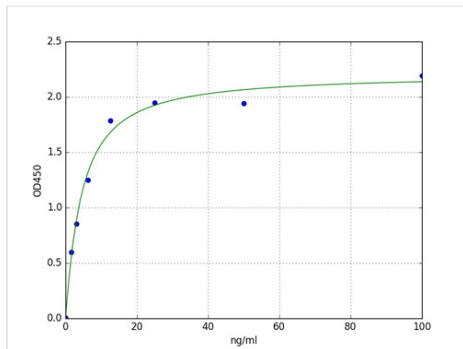
PRODUCT SYNONYMS

Meprin A subunit beta; Human Meprin A subunit beta ELISA Kit; MEP1B (Meprin A subunit beta)/Endopeptidase-2/PABA peptide hydrolase/PPH beta/Meprin beta Subunit/meprin A; beta/Meprin B/N-benzoyl-L-tyrosyl-p-amino-benzoic acid hydrolase beta subunit/N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit beta; MEP1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	701
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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



Typical Data & Standard Curve

Results of a typical standard run of a Human MEP1B 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.031	0.160	0.281	0.513	0.905	1.537	2.031	2.197

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MEP1B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MEP1B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MEP1B 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. 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 Human MEP1B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MEP1B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153070264
NCBI GeneID	4225
NCBI Accession #	NP_005916.2
NCBI GenBank Nucleotide #	NM_005925.2
Molecular Weight	79,571 Da
NCBI Official Full Name	meprin A subunit beta isoform 1
NCBI Official Synonym Full Names	meprin A subunit beta
NCBI Official Symbol	MEP1B
NCBI Protein Information	meprin A subunit beta
UniProt Protein Name	Meprin A subunit beta
UniProt Gene Name	MEP1B
UniProt Entry Name	MEP1B_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://stage.aaabiotech.com/mep1b-human-elisa-kits/meprin-a-subunit-beta/98768>