

Rat Meprin A subunit alpha ELISA Kit | Mep1a elisa kit

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CATALOG #
AAA56499

REACTIVITY
Rat

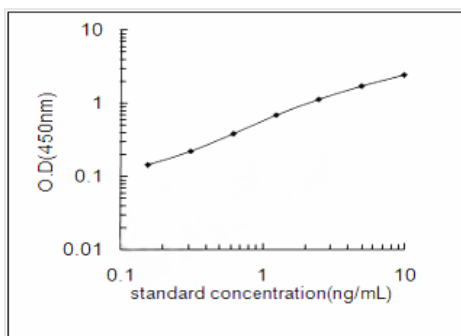
PRODUCT SYNONYMS

Meprin A subunit alpha; Rat Meprin A subunit alpha ELISA Kit; Mep1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Meprin A subunit alpha. No significant cross-reactivity or interference was observed.
Sequence Length	746
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=8.6%
Recovery	106%
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 Mep1a elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Meprin A subunit alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Meprin A subunit alpha 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 Meprin A subunit alpha, 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 Meprin A subunit alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981196
NCBI GeneID	25684
NCBI Accession #	NP_037275.1
NCBI GenBank Nucleotide #	NM_013143.1
UniProt Accession #	Q64230; Q642C9
Molecular Weight	85,123 Da
NCBI Official Full Name	meprin A subunit alpha
NCBI Official Synonym Full Names	meprin 1 alpha
NCBI Official Symbol	Mep1a
NCBI Protein Information	meprin A subunit alpha
UniProt Protein Name	Meprin A subunit alpha
UniProt Gene Name	Mep1a
UniProt Synonym Gene Names	E-24.18
UniProt Entry Name	MEP1A_RAT

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/mep1a-rat-elisa-kits/meprin-a-subunit-alpha/56499>