

Rat Meprin A subunit beta ELISA Kit | Mep1b elisa kit

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CATALOG #
AAA56417

REACTIVITY
Rat

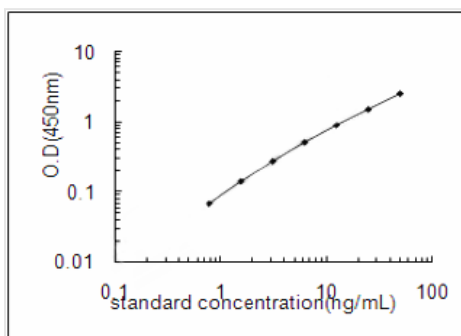
PRODUCT SYNONYMS

Meprin A subunit beta; Rat Meprin A subunit beta ELISA Kit; Mep1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Meprin A subunit beta. No significant cross-reactivity or interference was observed.
Sequence Length	701
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.405 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=10.2%
Recovery	87%
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 Mep1b 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 beta. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Meprin A subunit beta 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 beta, 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 beta 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 #	6981198
NCBI GeneID	25727
NCBI Accession #	NP_037315.1
NCBI GenBank Nucleotide #	NM_013183.2
UniProt Accession #	P28826; Q642D0
Molecular Weight	79,236 Da
NCBI Official Full Name	meprin A subunit beta
NCBI Official Synonym Full Names	meprin 1 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_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.