

Mouse membrane metallo-endopeptidase ELISA Kit | MME elisa kit

Mouse Neprilysin, MME ELISA Kit

CATALOG #
AAA112335

REACTIVITY
Mouse

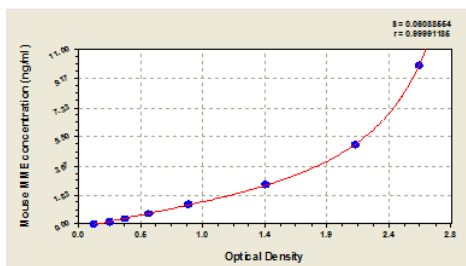
PRODUCT SYNONYMS

membrane metallo-endopeptidase; Mouse Neprilysin; MME ELISA Kit; Mouse Neprilysin (MME) ELISA kit; CALLA; CD10; DKFZp686O16152; MGC126681; MGC126707; NEP; atriopeptidase; common acute lymphocytic leukemia antigen; enkephalinase; membrane metallo-endopeptidase (neutral endopeptidase; enkephalinase) ; m; MME elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MME. No significant cross-reactivity or interference between mouse MME and analogues was observed.
Sequence Length	750
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.156 ng/ml -10 ng/ml.
Sensitivity	0.039 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MME elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MME has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MME present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MME is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MME bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	575403040
NCBI GeneID	17380
NCBI Accession #	NP_001276391.1
NCBI GenBank Nucleotide #	NM_001289462.1
UniProt Accession #	Q61391; Q6NXX5; Q8K251
Molecular Weight	85,702 Da
NCBI Official Full Name	neprilysin
NCBI Official Synonym Full Names	membrane metallo endopeptidase
NCBI Official Symbol	Mme
NCBI Official Synonym Symbols	NEP; SFE; CD10; CALLA; C85356; 6030454K05Rik
NCBI Protein Information	neprilysin; enkephalinase; atriopeptidase; skin fibroblast elastase; neutral endopeptidase 24.11; common acute lymphoblastic leukemia antigen
UniProt Protein Name	Neprilysin
UniProt Gene Name	Mme
UniProt Synonym Gene Names	NEP; Neutral endopeptidase; SFE
UniProt Entry Name	NEP_MOUSE

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/mme-mouse-elisa-kits/membrane-metallo-endopeptidase/112335>