

Rat membrane metallo-endopeptidase ELISA Kit | MME elisa kit

Rat Neprilysin, MME ELISA Kit

CATALOG #
AAA112365

REACTIVITY
Rat

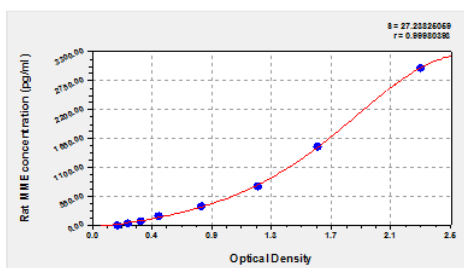
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat MME. No significant cross-reactivity or interference between rat MME and analogues was observed.
Sequence Length	750
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	47 pg/ml -3000 pg/ml.
Sensitivity	11.75 pg/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 #	156119338
NCBI GeneID	100009251
NCBI Accession #	NP_001095155.1
NCBI GenBank Nucleotide #	NM_001101685.1
UniProt Accession #	P08049
Molecular Weight	85,582 Da
NCBI Official Full Name	neprilysin
NCBI Official Symbol	MME
NCBI Official Synonym Symbols	SFE
NCBI Protein Information	neprilysin; NEP; enkephalinase; atriopeptidase; skin fibroblast elastase; neutral endopeptidase 24.11
UniProt Protein Name	Neprilysin
UniProt Gene Name	MME
UniProt Synonym Gene Names	NEP; Neutral endopeptidase; SFE
UniProt Entry Name	NEP_RABIT

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-rat-elisa-kits/membrane-metallo-endopeptidase/112365>