

Mouse MME (Neprilysin) ELISA Kit | MME elisa kit

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CATALOG #
AAA249772

REACTIVITY
Mouse

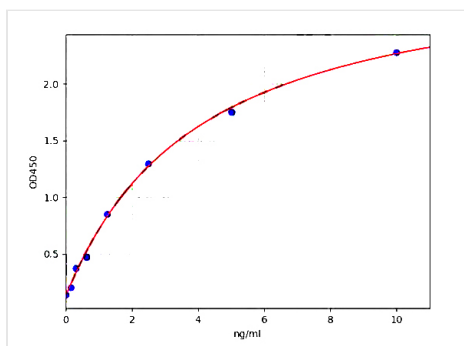
PRODUCT SYNONYMS

MME (Neprilysin); Mouse MME (Neprilysin) ELISA Kit; Neprilysin; Atriopeptidase; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10; Mme; MME elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MME. No significant cross-reactivity or interference between MME and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MME elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51338732
NCBI GeneID	17380
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/mouse-elisa-kits/mme-neprilysin/249772>