

Mouse NEP (Neprilysin) ELISA Kit | NEP elisa kit

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CATALOG #
AAA278428

REACTIVITY
Mouse

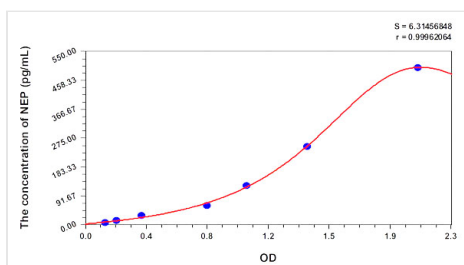
PRODUCT SYNONYMS

NEP (Neprilysin); Mouse NEP (Neprilysin) ELISA Kit; CD10; MME; CALLA; SFE; Atriopeptidase; Enkephalinase; Skin fibroblast elastase; Common Acute Lymphoblastic Leukemia Antigen; Membrane Metallo-Endopeptidase; NEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	78.13-5000pg/mL
Sensitivity	21.3pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEP elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse NEP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse NEP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse NEP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse NEP in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for NEP elisa kit

[Enzyme & Kinase](#); [Neuro science](#)

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://www.aaabiotech.com/mouse-elisa-kits/nep-neprilysin/278428>