

Rat Neprilysin (NEP) RTU ELISA Kit | NEP rtu elisa kit

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CATALOG #
AAA217336

REACTIVITY
Rat

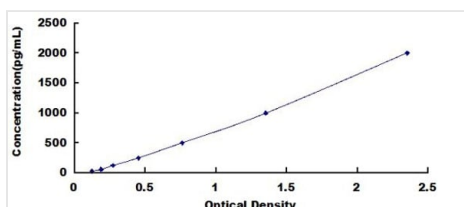
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	750
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	31.2-2000pg/mL
Sensitivity	13.3pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEP rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NEP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 $\pm$ 10nm. The concentration of NEP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981210
NCBI GeneID	24590
NCBI Accession #	NP_036740.1
NCBI GenBank Nucleotide #	NM_012608.2
UniProt Accession #	P07861
Molecular Weight	85,795 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
NCBI Protein Information	neprilysin
UniProt Protein Name	Neprilysin
UniProt Gene Name	Mme
UniProt Synonym Gene Names	NEP; Neutral endopeptidase; SFE

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/rat-rtu-elisa-kits/neprilysin-nep/217336>