

Human Neprilysin (NEP) ELISA Kit | NEP elisa kit

Human Neprilysin, NEP ELISA Kit

CATALOG #
AAA80180

REACTIVITY
Human

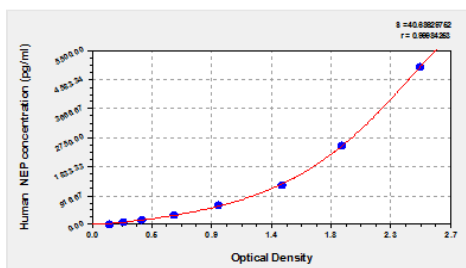
PRODUCT SYNONYMS

Neprilysin (NEP); Human Neprilysin; NEP ELISA Kit; Human Neprilysin (NEP) ELISA Kit; NEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NEP. No significant cross-reactivity or interference between Human NEP and analogues was observed.
Sequence Length	121
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	19.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 NEP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NEP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NEP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NEP 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 NEP 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 #	71655461
UniProt Accession #	Q0R5M8
Molecular Weight	14,365 Da
NCBI Official Full Name	NEP
UniProt Protein Name	NEP
UniProt Entry Name	Q0R5M8_9INFA

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/human-elisa-kits/neprilysin-nep/80180>