

Rat Norepinephrine (NE) ELISA Kit | NE elisa kit

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CATALOG # AAA13192	REACTIVITY Rat
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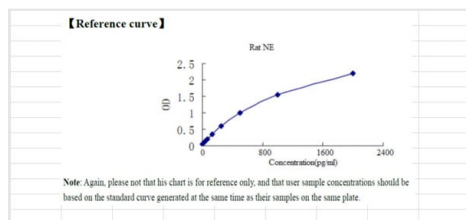
PRODUCT SYNONYMS

Norepinephrine (NE); Rat Norepinephrine (NE) ELISA Kit; NE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	617
Assay Type	Sandwich
Detection Range	2000 pg/mL-31.2 pg/mL
Sensitivity	Up to 12 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NE elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat NE monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1143479
NCBI GeneID	6530
UniProt Accession #	P23975; Q96KH8; B2R707; B4DX48

Molecular Weight	57,370 Da
NCBI Official Full Name	norepinephrine transporter
NCBI Official Synonym Full Names	solute carrier family 6 (neurotransmitter transporter), member 2
NCBI Official Symbol	SLC6A2
NCBI Official Synonym Symbols	NET; NAT1; NET1; SLC6A5
NCBI Protein Information	sodium-dependent noradrenaline transporter; norepinephrine transporter; neurotransmitter transporter; solute carrier family 6 member 5; solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2
UniProt Protein Name	Sodium-dependent noradrenaline transporter
UniProt Gene Name	SLC6A2
UniProt Synonym Gene Names	NAT1; NET1; SLC6A5; NET
UniProt Entry Name	SC6A2_HUMAN

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/rat-elisa-kits/norepinephrine-ne/13192>