

General Noradrenaline/Norepinephrine ELISA Kit | NA/NE elisa kit

Noradrenaline/Norepinephrine ELISA Kit

CATALOG #
AAA17324

REACTIVITY
General

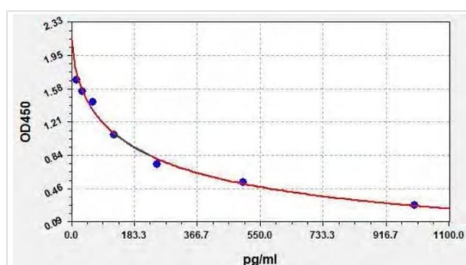
PRODUCT SYNONYMS

Noradrenaline/Norepinephrine; Noradrenaline/Norepinephrine ELISA Kit; NA/NE (Noradrenaline/Norepinephrine); NA/NE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	Specifically recognize NA/NE, no obvious cross reaction with other analogues
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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 NA/NE elisa kit	Background: Norepinephrine, the scientific name 1-(3, 4-dihydroxyphenyl) -2-aminoethanol, is a substance formed by the removal of n-methyl from epinephrine, and is also a catecholamine in chemical structure. It is both a neurotransmitter, mainly synthesized and secreted by sympathetic postganglionic neurons and norepinephrine neurons in the brain, which is the main transmitter released by the latter, and a hormone, synthesized and secreted by the adrenal medulla, but in smaller amounts. The main source of norepinephrine in the circulating blood is the adrenal medulla. Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with NA/NE. During the reaction, NA/NE in the sample or standard competes with a fixed amount of NA/NE on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to NA/NE. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzymesubstrate reaction is terminated by the addition of a acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of NA/NE in the samples is then determined by comparing the OD of the samples to the standard curve. The concentration of the target substance was inversely proportional to the OD450 value.
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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/na-ne-general-elisa-kits/noradrenaline-norepinephrine/17324>