

Mouse Noradrenaline (NA) ELISA Kit | NA elisa kit

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CATALOG #
AAA332405

REACTIVITY
Mouse

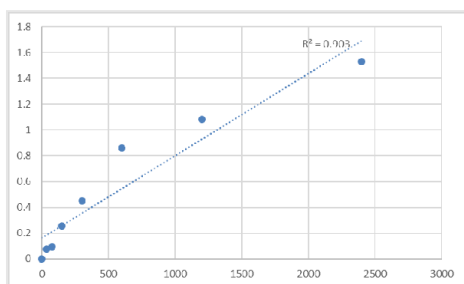
PRODUCT SYNONYMS

Noradrenaline (NA); Mouse Noradrenaline (NA) ELISA Kit; NA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Noradrenaline (NA) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse NA. No significant cross-reactivity or interference between Mouse NA and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Noradrenaline (NA) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NA elisa kit	Description: This Mouse Noradrenaline (NA) ELISA Kit employs a two-site sandwich ELISA to quantitate NA in samples. An antibody specific for NA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NA is added to the wells. After washing, Streptavidin 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 NA bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Norepinephrine (NE), also called noradrenaline (NA) or noradrenalin, is an organic chemical in the catecholamine family that functions in the brain and body as a hormone and neurotransmitter. In the brain, norepinephrine is produced in closely packed brain cell neurons or nuclei that are small yet exert powerful effects on other brain areas. The most important of these nuclei is the locus coeruleus, located in the pons. Outside the brain, norepinephrine is used as a neurotransmitter by sympathetic ganglia located near the spinal cord or in the abdomen, and it is also released directly into the bloodstream by the adrenal glands. Regardless of how and where it is released, norepinephrine acts on target cells by binding to and activating noradrenergic receptors located on the cell surface.
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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/mouse-elisa-kits/noradrenaline-na/332405>