

Mouse N-terminal pro-brain natriuretic peptide ELISA Kit | NT-proBNP elisa kit

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CATALOG # AAA87230	REACTIVITY Mouse
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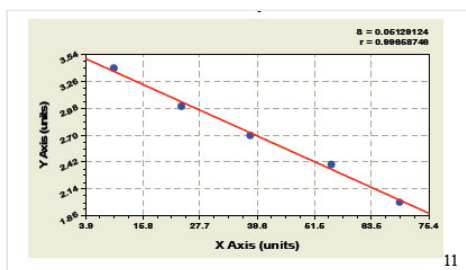
PRODUCT SYNONYMS

N-terminal pro-brain natriuretic peptide; Mouse N-terminal pro-brain natriuretic peptide ELISA Kit; NT-proBNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This NT-proBNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse NT-proBNP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NT-proBNP elisa kit	Principle of the assay: NT-proBNP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NT-proBNP antibody and an NT-proBNP-HRP conjugate. The assay sample and buffer are incubated together with NT-proBNP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NT-proBNP concentration since NT-proBNP from samples and NT-proBNP-HRP conjugate compete for the anti-NT-proBNP antibody binding site. Since the number of sites is limited, as more sites are occupied by NT-proBNP from the sample, fewer sites are left to bind NT-proBNP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NT-proBNP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for NT-proBNP elisa kit	Neurobiology

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/nt-probnp-mouse-elisa-kits/n-terminal-pro-brain-natriuretic-peptide/87230>