

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

Rat N-terminal pro-brain natriuretic peptide ELISA Kit

CATALOG #
AAA83276

REACTIVITY
Rat

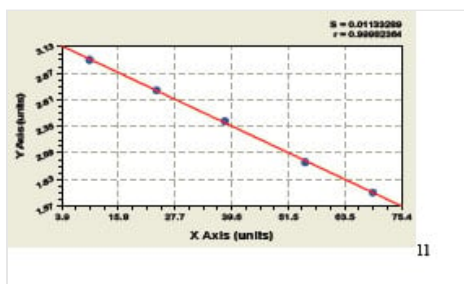
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for NT-proBNP elisa kit

Intended Uses: This NTpBNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat NTpBNP. This ELISA kit for research use only!

Principle of the Assay: NTpBNP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NTpBNP antibody and an NTpBNP-HRP conjugate. The assay sample and buffer are incubated together with NTpBNP-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 NTpBNP concentration since NTpBNP from samples and NTpBNP-HRP conjugate compete for the anti-NTpBNP antibody binding site. Since the number of sites is limited, as more sites are occupied by NTpBNP from the sample, fewer sites are left to bind NTpBNP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NTpBNP 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/nt-probnp-rat-elisa-kits/n-terminal-pro-brain-natriuretic-peptide/83276>