

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

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CATALOG #
AAA90901

REACTIVITY
Bovine

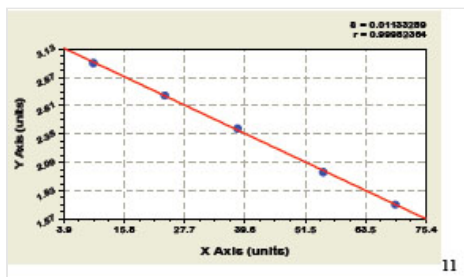
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/ml
Sensitivity	1.0pg/ml
Intended Uses	This NTproBNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine NTproBNP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for NT-proBNP elisa kit

Principle of the Assay: NTproBNP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NTproBNP antibody and an NTproBNP-HRP conjugate. The assay sample and buffer are incubated together with NTproBNP-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 NTproBNP concentration since NTproBNP from samples and NTproBNP-HRP conjugate compete for the anti-NTproBNP antibody binding site. Since the number of sites is limited, as more sites are occupied by NTproBNP from the sample, fewer sites are left to bind NTproBNP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NTproBNP 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-bovine-ovine-elisa-kits/n-terminal-pro-brain-natriuretic-peptide/90901>