

Guinea Pig NT-ProBNP ELISA Kit | NT-proBNP elisa kit

Guinea pig NT-ProBNP (N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit

CATALOG #
AAA164560

REACTIVITY
Guinea Pig

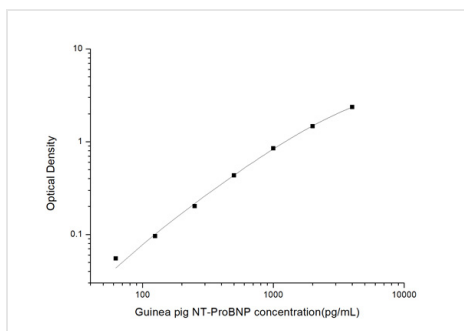
PRODUCT SYNONYMS

NT-ProBNP; Guinea pig NT-ProBNP (N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit; NT-proBNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This kit recognizes natural and recombinant Guinea pig NT-proBNP. No significant cross-reactivity or interference between Guinea pig NT-proBNP and analogues was observed.
Sequence Length	151
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NT-proBNP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Guinea pig NT-proBNP concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to NT-proBNP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NT-proBNP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NT-proBNP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of NT-proBNP. You can calculate the concentration of NT-proBNP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23510319
NCBI GeneID	4878
NCBI Accession #	NP_006163.1
NCBI GenBank Nucleotide #	NM_006172.3
UniProt Accession #	P01160; Q13766; Q5JZE1
Molecular Weight	16,708 Da
NCBI Official Full Name	natriuretic peptides A preproprotein
NCBI Official Synonym Full Names	natriuretic peptide A
NCBI Official Symbol	NPPA
NCBI Official Synonym Symbols	ANF; ANP; PND; ATFB6; ATRST2; CDD-ANF
NCBI Protein Information	natriuretic peptides A; atriopeptin; cardionatrin; natriuretic peptide precursor A; prepronatriodilatin
UniProt Protein Name	Natriuretic peptides A
UniProt Gene Name	NPPA
UniProt Synonym Gene Names	ANP; PND; CDD; CDP; ANF; ANP
UniProt Entry Name	ANF_HUMAN

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.