

Human ANP ELISA Kit | ANP elisa kit

Human ANP (Atrial Natriuretic Peptide) ELISA Kit

CATALOG #
AAA165408

REACTIVITY
Human

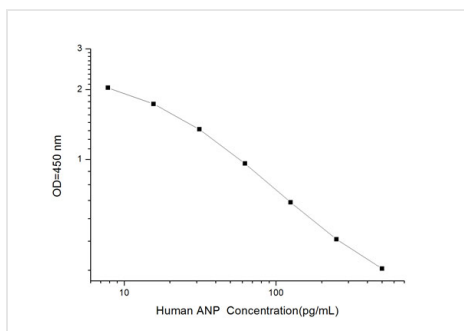
PRODUCT SYNONYMS

ANP; Human ANP (Atrial Natriuretic Peptide) ELISA Kit; ANP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ANP. No significant cross-reactivity or interference between Human ANP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human ANP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	57
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANP elisa kit	Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of ANP in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human ANP. During the reaction, Human ANP in the sample or standard competes with a fixed amount of Human ANP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human ANP. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Human ANP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194185470
Molecular Weight	6,227 Da
NCBI Official Full Name	Anp
UniProt Protein Name	Andropin
UniProt Gene Name	Anp
UniProt Entry Name	ANDP_DROYA

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/human-elisa-kits/anp/165408>