

Human CPP ELISA Kit | CPP elisa kit

Human CPP (Copeptin) ELISA Kit

CATALOG #
AAA165254

REACTIVITY
Human

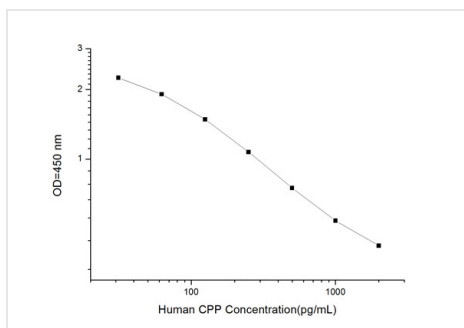
PRODUCT SYNONYMS

CPP; Human CPP (Copeptin) ELISA Kit; CPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CPP. No significant cross-reactivity or interference between Human CPP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CPP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	412
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPP elisa kit	Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of CPP 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 CPP. During the reaction, Human CPP in the sample or standard competes with a fixed amount of Human CPP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human CPP. 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 CPP 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 #	334700034
Molecular Weight	45,723 Da
NCBI Official Full Name	corynebacterial protease CP40
UniProt Protein Name	Corynebacterial protease CP40
UniProt Gene Name	cpp
UniProt Entry Name	G0CYV8_CORUB

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/human-elisa-kits/cpp/165254>