

Human Copine 7 (CPNE7) ELISA Kit | CPNE7 elisa kit

Human Copine 7 (CPNE7) ELISA Kit

CATALOG #
AAA246011

REACTIVITY
Human

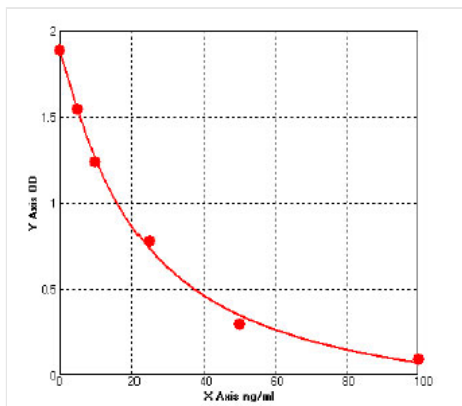
PRODUCT SYNONYMS

Copine 7 (CPNE7); Human Copine 7 (CPNE7) ELISA Kit; CPNE7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CPNE7. No significant cross-reactivity or interference between CPNE7 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CPNE7 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPNE7 elisa kit	Intended Uses: This CPNE7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CPNE7. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CPNE7 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CPNE7 antibody and an CPNE7-HRP conjugate. The assay sample and buffer are incubated together with CPNE7-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 CPNE7 concentration since CPNE7 from samples and CPNE7-HRP conjugate compete for the anti-CPNE7 antibody binding site. Since the number of sites is limited, as more sites are occupied by CPNE7 from the sample, fewer sites are left to bind CPNE7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CPNE7 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CPNE7 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	10719954
NCBI GeneID	27132
Molecular Weight	61,933 Da
NCBI Official Full Name	Copine-7
NCBI Official Synonym Full Names	copine VII
NCBI Official Symbol	CPNE7
NCBI Protein Information	copine-7; copine 7
UniProt Protein Name	Copine-7
UniProt Gene Name	CPNE7
UniProt Entry Name	CPNE7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/copine-7-cpne7/246011>