

Chicken Copine-3 (CPNE3) ELISA Kit | CPNE3 elisa kit

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CATALOG #
AAA246727

REACTIVITY
Chicken

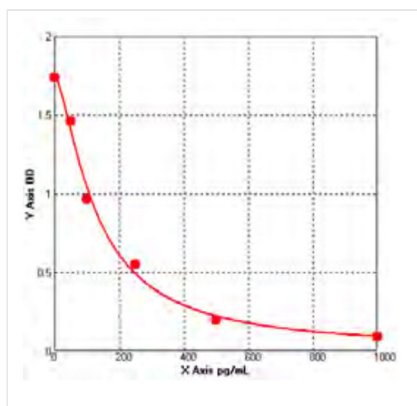
PRODUCT SYNONYMS

Copine-3 (CPNE3); Chicken Copine-3 (CPNE3) ELISA Kit; CPNE3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of CPNE3. No significant cross-reactivity or interference between CPNE3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CPNE3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPNE3 elisa kit	Principle of the Assay: CPNE3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CPNE3 antibody and an CPNE3-HRP conjugate. The assay sample and buffer are incubated together with CPNE3-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 CPNE3 concentration since CPNE3 from samples and CPNE3-HRP conjugate compete for the anti-CPNE3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CPNE3 from the sample, fewer sites are left to bind CPNE3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CPNE3 concentration in each sample is interpolated from this standard curve. Intended Uses: This CPNE3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CPNE3. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197098028
NCBI GeneID	100174464
NCBI Accession #	NP_001127397.1
NCBI GenBank Nucleotide #	NM_001133925.1
Molecular Weight	60,102 Da
NCBI Official Full Name	copine-3
NCBI Official Symbol	CPNE3
NCBI Official Synonym Symbols	Copine-3
NCBI Protein Information	copine-3
UniProt Protein Name	Copine-3
UniProt Gene Name	CPNE3
UniProt Entry Name	CPNE3_PONAB

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.